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FEEDING STUFFS REPORT

1939



JOHN H. LIGHT
Secretary of Agriculture

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FEEDING STUFFS REPORT

1939

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs, and accordingly, during the year ending December 31, 1939, 1,149 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected, 1,121 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1939, 519 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of special samples submitted are not included in this Report. The total number of official and special samples analyzed during the year 1939 was 1,640.

The 1,121 official samples analyzed were registered by 187 manufacturers and represented 17 classes and 878 brands as follows:

Classes	Samples
Oil Cake By-Products.....	29
Distillery and Brewery By-Products.....	6
Maize By-Products.....	8
Wheat Offal.....	41
Alfalfa Meal.....	11
Oat By-Products.....	1
Dried Beet Pulp.....	2
Proprietary Dairy Feed.....	282
Proprietary Stock, Horse and Mule Feed.....	44
Proprietary Calf Meal.....	14
Proprietary Swine Feed.....	113
Proprietary Chop Feed.....	28
Proprietary Poultry Scratch Feed.....	39
Proprietary Poultry Mash Feed.....	448
Proprietary Small Animal Feed.....	32
Animal By-Products.....	16
Miscellaneous.....	<u>7</u>
Total.....	1121

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceeding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each.....	\$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1939 sales, 6,080 brands of feeding stuffs were registered, and 1,374 licenses were issued to 1,083 manufacturers.

CONCLUSIONS

Of the 1,121 official samples analyzed, 167 or 14.9% were deficient in protein or fat and contained fiber in excess of the tolerances provided; 14 samples or 1.24% were found deficient in protein, 108 or 9.63% deficient in fat, and 66 or 5.88% exceeded guarantees for fiber.

Of the total number of samples analyzed, 1,000 represented Proprietary Mixed Feeds, 12 being deficient in protein, 99 deficient in fat, and 58 containing excess fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients, and where discrepancies were found manufacturers were accordingly notified.

In some instances ingredients were found present not claimed by the manufacturer, and these findings are listed in Table II under the column designated as "Composition". The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and he naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAM- PLS	BRANDS	GUARAN- TEED	PROTEIN P. CT.	FAT P. CT.	FIBER P. CT.	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Cottonseed Meal	8	6	8	41.47	5.97	10.78	35.25	---	---	---
Linseed Oil Meal	5	4	5	37.44	5.32	8.02	50.40	---	---	---
Soybean Oil Meal	16	12	16	44.65	4.96	5.76	34.06	---	1	---
Distillers Dried Grains	3	3	3	25.13	7.88	14.67	27.07	---	---	---
Brewers Dried Grains	3	3	3	28.54	6.03	15.78	---	---	---	---
Corn Gluten Feed	2	2	2	22.85	1.43	6.84	29.00	---	---	---
Corn Gluten Meal	4	3	4	45.39	2.17	3.79	36.50	---	---	1
Corn Meal	1	1	1	8.69	3.61	2.09	28.00	---	---	---
Corn Feed Meal	1	1	1	9.06	3.95	3.15	29.00	---	1	---
Wheat Bran	21	18	21	16.41	4.25	9.66	31.63	---	1	1
Wheat Middlings	16	13	16	16.69	4.43	5.99	30.77	---	3	2
Wheat Mixed Feed	3	3	3	17.17	4.67	7.26	30.33	---	---	---
Red Dog Wheat Flour	1	1	1	19.13	4.93	4.21	---	---	---	---
Alfalfa Meal	11	10	10	17.83	2.21	26.43	39.70	---	---	1
Oat By-Products	1	1	1	5.69	1.21	23.40	---	---	---	---
Dried Beet Pulp	2	1	2	9.00	0.64	19.45	---	---	---	---
Proprietary Dairy Feed	282	213	281	25.08	3.94	8.90	33.94	2	44	15
Proprietary Stock, Horse & Mule Feed	44	35	44	13.58	3.58	8.33	32.75	---	2	2
Proprietary Calf Meal	14	12	14	24.25	4.13	5.05	68.10	---	1	---
Proprietary Swine Feed	113	86	113	22.67	4.43	6.48	39.95	3	11	9
Corn and Oats Chop	18	17	17	10.94	3.85	7.09	31.13	---	5	4
Chop Feed	10	6	10	12.08	3.56	8.57	30.88	---	4	---
Proprietary Scratch Feed	39	38	39	11.17	2.79	2.53	40.92	2	5	---
Proprietary Mash Feed	448	340	445	20.73	4.66	6.34	45.04	---	19	25
Proprietary Small Animal Feed	32	30	29	---	---	---	---	5	8	3
Meat and Bone Scrap	9	6	9	49.87	12.24	1.97	50.29	1	---	2
Tankage	2	2	2	57.66	7.64	1.33	48.00	---	---	---
Fish Meal	3	3	3	57.91	10.11	2.05	60.00	---	---	1
Bone Meal	2	2	2	8.91	2.97	---	50.00	---	1	---
Miscellaneous Feed	7	6	6	---	---	---	---	---	2	---
TOTAL	1121	878	1111	---	---	---	---	14	108	66

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat, and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The Several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

OIL CAKE BY-PRODUCTS including Cottonseed Meal, Linseed Oil Meal and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS

MAIZE BY-PRODUCTS including Corn Gluten Feed, Corn Gluten Meal, Corn Meal and Corn Feed Meal.

WHEAT OFFAL (with and without Ground Grain Screenings) including Wheat Bran, Wheat Middlings, Wheat Mixed Feed and Red Dog Wheat Flour.

ALFALFA MEAL

OAT BY-PRODUCTS

DRIED BEET PULP

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Poultry Scratch Feed, Mash Feed and Small Animal Feed.

ANIMAL BY-PRODUCTS

MISCELLANEOUS FEED

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OIL CAKE PRODUCT</u>							
<u>Cottonseed Meal</u>							
ALLIED MILLS, INC., Chicago, Ill. 41% Protein Prime Quality (9735)	42.06	41.00	6.18	5.00	10.73	13.00	As Certified
THE BUCKEYE COTTON OIL CO. Cincinnati, Ohio							
Buckeye 41% Protein Prime Quality (9388)	41.06	41.00	6.45	5.00	11.06	13.00	As Certified
Buckeye 41% Protein Prime Quality (9702)	42.88	41.00	5.87	5.00	9.96	13.00	As Certified
CAIRO MEAL & CAKE CO., Cairo, Ill. Mies Cairo Brand 41% Protein (9134)	40.44	41.00	6.73	6.00	11.00	10.00	As Certified
HUMPHREYS-CODWIN CO., Memphis, Tenn. Dixie Brand 41% Protein Prime Quality (9409)	41.25	41.00	6.39	5.00	9.35	12.00	As Certified
L. B. LOVITT & CO., Memphis, Tenn. Lovit Brand 41% Protein Prime Quality (10007)	41.63	41.00	5.51	5.00	12.46	13.00	As Certified
PERKINS OIL CO., Memphis, Tenn. Golden Rod Brand 41% Protein (9182)	41.06	41.00	6.25	6.00	10.00	10.00	As Certified
Golden Rod Brand 41% Protein (9716)	41.38	41.00	5.37	5.00	11.69	12.00	As Certified
Average	41.47	-----	5.97	-----	10.78	-----	
<u>Linseed Oil Meal</u>							
ARCHER-DANIELS-MIDLAND CO. Minneapolis, Minn.							
37% Protein Old Process Linseed Meal (9584)	39.75	37.00	4.85	4.50	7.68	9.00	As Certified
SPENCER KELLOGG & SONS, INC. Buffalo, N. Y.							
37% Protein Old Process Linseed Meal (10044)	40.63	37.00	4.48	4.50	6.65	9.00	As Certified
JOHN T. LEWIS & BROS. CO. Philadelphia, Pa.							
34% Old Process Linseed Meal (9780)	34.75	34.00	5.57	4.50	9.03	10.00	As Certified
34% Old Process Linseed Meal (9836)	36.19	34.00	5.36	4.50	8.42	10.00	As Certified
THE SHERWIN-WILLIAMS CO. Cleveland, Ohio							
Pure Old Process 34% Linseed Meal (9246)	35.88	34.00	6.35	4.50	8.32	9.00	As Certified
Average	37.44	-----	5.32	-----	8.02	-----	
<u>Soybean Oil Meal</u>							
ALLIED MILLS, INC., Chicago, Ill. 41% Protein Soybean Oil Meal (9867)	44.44	41.00	4.58	4.50	5.79	7.00	As Certified
ARCHER-DANIELS-MIDLAND CO. Minneapolis, Minn.							
41% Protein Old Process Soybean Oil Meal (9411)	44.44	41.00	5.57	4.00	6.37	7.00	As Certified
41% Protein Old Process Soybean Oil Meal (9482)	44.44	41.00	5.00	4.00	6.72	7.00	As Certified
THE BEREHA MILLING CO., Berea, Ohio							
Red Arrow Soybean Oil Meal (9208)	43.56	41.00	4.41	4.50	6.80	7.00	As Certified
Red Arrow Soybean Oil Meal (9371)	45.81	41.00	4.59	4.50	5.60	7.00	As Certified
CENTRAL SOYA CO., INC., Decatur, Ind.							
Central Soybean Oil Meal (9351)	44.94	41.00	5.00	4.50	5.31	7.00	As Certified
Central Soybean Oil Meal (9781)	44.00	41.00	5.04	4.50	6.44	7.00	As Certified
Central Star Brand Soybean Oil Meal (9448)	48.38	44.00	5.66	5.00	4.76	7.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose Old Process 41% Soybean Oil Meal (9279)	45.38	41.00	4.37	5.00	5.76	7.00	As Certified
Red Rose Old Process 41% Soybean Oil Meal (9715)	45.44	41.00	4.69	4.50	6.22	7.00	As Certified
CALESBURG SOY PRODUCTS CO. Caleeburg, Ill.							
Triple Value Brand Soybean Oil Meal (9179)	41.19	41.00	6.15	5.00	5.85	7.00	As Certified
SPENCER KELLOGG & SONS, INC. Buffalo, N. Y.							
41% Protein Old Process Soybean Oil Meal (9449)	44.88	41.00	4.27	4.50	5.42	7.00	As Certified
LAROWE MILLING CO., Detroit, Mich.							
41% Protein Soybean Oil Meal (9569)	44.63	41.00	4.75	4.50	6.00	6.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SOYA PROCESSING CO., Wooster, Ohio Wooster Soybean Oil Meal (9695)	43.63	41.00	5.26	4.00	5.00	7.00	As Certified
A. E. STALEY MANUFACTURING CO. Decatur, Ill. Soybean Oil Meal (9434)	44.38	41.00	4.01	4.00	6.06	7.00	As Certified
SWIFT & COMPANY (SOY BEAN MILL) Champaign, Ill. Soy Bean Oil Meal (9440)	44.88	41.00	6.01	4.50	6.07	7.00	As Certified
Average	44.65	-----	4.96	-----	5.76	-----	
<u>DISTILLERY AND BREWERY BY-PRODUCT</u>							
<u>Distillers' Dried Grains</u>							
THE DEWEY BROTHERS CO. Blanchester, Ohio Distillers' Dried Grains (9374)	27.75	24.00	8.50	6.00	15.69	16.00	As Certified
FERNEAU GRAIN CO., Blanchester, Ohio Corn Distillers' Dried Grains (9372)	28.31	28.00	8.14	9.00	13.77	14.00	As Certified
MEADVILLE PA. DISTILLING CO., INC. Meadville, Pa. Distillers' Dried Grains (9453)	19.31	17.31	7.01	6.42	14.57	18.32	As Certified
Average	25.13	-----	7.88	-----	14.67	-----	
<u>Brewers' Dried Grains</u>							
THE NEUMOND CO., St. Louis, Mo. Dried Brewers' Grains (9653)	31.81	24.00	5.40	4.50	13.90	18.00	As Certified
PITTSBURGH BREWING CO. (EPPERHARDT & OBER BREWERY) Pittsburgh, Pa. Dried Brewers' Grains (9045)	27.31	17.50	6.70	5.20	17.87	18.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter Brand Dried Brewers' Grains (10074)	26.50	24.00	6.00	6.00	15.56	19.00	As Certified
Average	28.54	-----	6.03	-----	15.78	-----	
<u>MAIZE BY-PRODUCTS</u>							
<u>Corn Gluten Feed--Sweetened</u>							
CORN PRODUCTS REFINING CO. New York, N. Y. Buffalo Corn Gluten Feed--Sweetened (9370)	21.94	20.00	1.61	1.00	6.94	7.00	As Certified
PENICK & FORD LTD., INC. Cedar Rapids, Iowa Douglas Corn Gluten Feed--Sweetened (9178)	23.75	20.00	1.25	1.00	6.75	7.00	As Certified
Average	22.85	-----	1.43	-----	6.84	-----	
<u>Corn Gluten Meal</u>							
AMERICAN MAIZE PRODUCTS CO. New York, N. Y. Maize Gluten Meal (9410)	46.69	43.00	2.37	1.00	5.07	4.00	As Certified
CORN PRODUCTS REFINING CO. New York, N. Y. Diamond Corn Gluten Meal (9180)	46.19	43.00	2.31	1.00	2.62	4.00	As Certified
Diamond Corn Gluten Meal (9209)	46.94	43.00	2.00	1.00	2.13	4.00	As Certified
PENICK & FORD LTD., INC. Cedar Rapids, Iowa Douglas Corn Gluten Meal (9654)	41.75	41.00	2.01	1.50	5.34	6.00	As Certified
Average	45.39	-----	2.17	-----	3.79	-----	
<u>Corn Meal</u>							
P. J. OESTERLING & SON, INC. Butler, Pa. Pure Corn Meal (9072)	8.69	8.50	3.61	3.00	2.09	4.00	As Certified
<u>Corn Feed Meal</u>							
THE RICHARDS MILLING CO. Cortland, Ohio Corn Feed Meal (9188)	9.06	9.00	3.95	5.00	3.15	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
(With and Without Ground Grain Screenings)							
ACME-EVANS CO., Indianapolis, Ind. Acme Bran (9718)	17.75	15.00	4.51	3.00	9.80	10.00	As Certified
R. S. ALTMAN, Irwin, Pa. Trojan Pure Bran (9133)	14.31	12.00	3.70	3.00	9.57	12.00	As Certified
Trojan Pure Bran (9658)	15.69	14.00	4.50	4.00	5.45	12.00	As Certified
BAY STATE MILLING CO., Winona, Minn. Wingold Pure Hard Wheat Bran (9706)	17.63	15.00	5.30	4.50	10.85	12.00	As Certified
DREYER COMMISSION CO., St. Louis, Mo. Dryco Wheat Bran with Screenings (9392)	20.31	14.50	4.15	3.50	9.83	10.00	As Certified
FRANKLIN MILLING CO., Middleburg, Pa. Pure Wheat Bran (9861)	14.75	14.00	3.34	3.00	9.23	10.00	As Certified
GENERAL MILLS, INC. Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Bran with Wheat Screenings (9144)	15.31	14.00	3.87	3.50	10.79	12.00	As Certified
Washburn's Gold Medal Hard Wheat Bran with Wheat Screenings (9733)	16.81	14.00	5.11	3.50	10.70	12.00	As Certified
M. D. KING MILLING CO., INC. Pittsfield, Ill. Pure Soft Wheat Bran (9383)	16.13	15.00	4.51	3.50	9.96	11.00	As Certified
LA GRANGE MILLS, Red Wing, Minn. Pure Fancy Coarse Wheat Bran (9652)	17.81	15.00	5.55	4.50	10.41	13.00	As Certified
THE MIDLAND FLOUR MILLING CO. Kansas City, Mo. Town Crier Pure Wheat Bran (9233)	16.75	16.00	4.19	3.50	10.78	10.00	As Certified
NEBRASKA CONSOLIDATED MILLS CO. Omaha, Nebraska Nebco Wheat Bran (Pure) (9688)	17.75	15.00	4.41	3.50	9.99	11.00	As Certified
THE NORTHWESTERN ELEVATOR & MILL CO. Toledo, Ohio Pure Wheat Bran (10008)	15.75	13.50	3.43	3.00	9.19	10.50	As Certified
OMAR INC., Omaha, Nebraska Pure Wheat Bran (9698)	17.75	15.00	4.60	3.00	9.99	11.00	As Certified
REECE & GREENLY CO., Millville, Pa. Pure Wheat Bran (9824)	13.75	13.00	3.30	4.00	10.55	12.00	As Certified
THE RICHARDS MILLING CO. Cortland, Ohio Pure Wheat Bran (9373)	14.69	14.00	4.50	4.50	9.72	10.00	As Certified
Pure Wheat Bran (10033)	15.75	14.00	4.14	4.50	8.57	10.00	As Certified
THE SHELLABARGER MILL & ELEVATOR CO. Salina, Kansas Wheat Bran & Ground Wheat Screenings (9738)	18.19	14.50	3.69	3.50	9.46	11.00	As Certified
VOLANT MILLS, Volant, Pa. Pure Wheat Bran (9697)	15.25	14.00	4.00	4.00	9.96	8.40	As Certified
WILLIAMS BROS. CO., Kent, Ohio Pure Ohio Wheat Bran (9184)	15.25	14.00	4.65	3.00	9.31	12.00	As Certified
C. H. WILLIAMSON & CO., INC. St. Louis, Mo. Wheat Bran with Ground Screenings (10027)	17.31	14.50	3.73	3.50	8.75	11.00	As Certified
Average	16.41	-----	4.25	----	9.66	-----	
<u>Wheat Middlings</u>							
(With and Without Ground Grain Screenings)							
R. S. ALTMAN, Irwin, Pa. Altman's Trojan Flour Middlings with Wheat Screenings not exceeding Mill Run (9063)	18.13	15.00	4.00	5.00	5.29	3.50	As Certified
Altman's Trojan Flour Middlings with Wheat Screenings not exceeding Mill Run (9139)	15.00	15.00	3.68	5.00	4.46	3.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

10-10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
S. A. ECKHART MILLING CO. Chicago, Ill.							
Standard Wheat Middlings with Ground Re- cleaned Wheat Screenings not exceeding Mill Run (9119)	18.94	15.00	4.64	4.00	7.98	9.50	As Certified
Standard Wheat Middlings with Ground Re- cleaned Wheat Screenings not exceeding Mill Run (9121)	18.50	15.00	4.36	4.00	8.09	9.50	As Certified
FRANKLIN MILLING CO., Middleburg, Pa. Pure Wheat Middlings (9862)	14.75	16.00	3.32	4.00	2.27	7.00	As Certified
GENERAL MILLS, INC. Minneapolis, Minn.							
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings (9719)	17.38	15.00	4.62	4.00	6.35	9.50	As Certified
INTERNATIONAL MILLING CO. Minneapolis, Minn.							
Black Hawk Wheat Standard Middlings with Ground Screenings (9703)	18.50	16.50	4.43	4.50	7.29	8.50	As Certified
KING MIDAS FLOUR MILLS Minneapolis, Minn.							
Wheat Standard Middlings and Ground Wheat Screenings (9157)	17.06	15.00	4.91	4.00	8.09	9.50	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio							
Namco (Wheat Middlings with Ground Screenings not exceeding Mill Run) (10028)	16.94	15.00	3.97	3.50	4.76	9.00	As Certified
PILLSBURY FLOUR MILLS CO. Minneapolis, Minn.							
Pillsbury's Hard Wheat Standard B Middlings with Screenings (9187)	17.31	15.00	4.58	4.00	9.34	9.50	As Certified
REECE & GREENLY CO., Millville, Pa. Pure Wheat Middlings (9823)	16.00	16.00	5.30	4.00	3.00	6.00	As Certified
F. W. STOCK & SONS, Rillsdale, Mich. Stock's Wheat Middlings (9043)	15.94	17.50	5.17	4.00	5.90	7.00	As Certified
UNITED MILLS CO., INC., Grafton, Ohio U.M.C. Wheat Middlings with Ground Screenings (9712)	16.50	16.50	4.58	5.00	6.75	7.50	As Certified
VOLANT MILLS, Volant, Pa. Pure Wheat Middlings (9696)	16.31	17.50	5.00	4.50	7.26	8.00	As Certified
WILLIAMS BROS. CO., Kent, Ohio							
Pure Fancy Winter Wheat Middlings (9186)	14.75	14.00	3.80	3.50	4.07	9.50	As Certified
Pure Fancy Winter Wheat Middlings (9210)	15.13	14.00	4.50	3.50	5.03	9.50	As Certified
Average	16.69	-----	4.43	----	5.99	----	
<u>Wheat Mixed Feed</u>							
ELAINE, MACKAY, LEE CO. North East, Pa.							
Pure Wheat Mixed Feed with Mill Run Screenings (9362)	18.56	15.00	4.67	4.00	7.27	9.00	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pa. Pure Wheat Mixed Feed (9534)	15.50	14.00	5.00	3.00	7.96	10.00	As Certified
MEYERINK MILLING CO., Clymer, N. Y. Clymer Mixed Feed (Straw and Middlings) (9402)	17.44	15.00	4.15	4.00	6.56	8.00	As Certified
Average	17.17	-----	4.67	----	7.26	----	
<u>Red Dog Wheat Flour</u>							
ELAINE, MACKAY, LEE CO. North East, Pa.							
Red Dog Wheat Flour (9213)	19.13	15.00	4.93	3.00	4.21	4.00	As Certified
<u>ALFALFA MEAL</u>							
A. S. CAPLE CO., Toledo, Ohio							
Capex Dehydrated Alfalfa Meal (9115)	18.38	-----	2.43	----	23.03	-----	As Certified
Capex Dehydrated Alfalfa Meal (9352)	21.50	17.00	2.93	2.00	22.46	27.00	As Certified
CENTRAL MILLS, INC., Dunbridge, Ohio							
Alfalfa Meal 1-13 X Fine Brand (9705)	17.06	13.00	1.62	1.50	30.98	33.00	As Certified
Cent-O-Green Dehydrated Alfalfa Meal (9551)	16.94	17.00	2.81	1.50	31.03	27.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE DENVER ALFALFA MILLING & PRODUCTS CO., Lamar, Colorado 20% Alfalfa Leaf Meal (Leafalfa Brand) (9S35)	22.25	20.00	2.50	2.80	18.00	18.00	As Certified
HAYWARD, INC., Oak Harbor, Ohio Alfalfa Meal (9S68)	17.63	13.00	1.80	1.50	26.22	33.00	As Certified
Dehydrated Alfalfa Meal (9790)	17.19	17.00	2.14	1.80	28.68	27.00	As Certified
MEADOW BROOK FARMS, Nazareth, Pa. Superior Alfalfa Meal (9782)	17.44	17.00	2.26	2.00	26.76	27.00	As Certified
PECOS VALLEY ALFALFA MILL CO. Hagerman, New Mexico Ohio Pecos Special Alfalfa Meal (9S67)	14.50	13.00	1.57	1.50	32.17	33.00	As Certified
SAUNDERS MILLS, INC., Toledo, Ohio Alfalfa Meal 13 Xtra Fine (9441)	14.50	13.00	1.50	1.50	31.69	33.00	As Certified
WHITE SWAN FARMS, Erie, Pa. Dehydrated Alfalfa Meal (9540)	18.78	17.00	2.73	3.00	22.74	25.00	As Certified
Average	17.83	-----	2.21	-----	26.43	-----	
<u>OAT BY-PRODUCT</u>							
<u>Oat Feed</u>							
THE QUAKER OATS CO., Chicago, Ill. Quaker Oat Mill Feed with 28% Molasses (10023)	8.69	4.00	1.21	1.00	23.40	23.50	As Certified
<u>DRIED BEET PULP</u>							
LARROWE MILLING CO., Detroit, Mich. Dried Beet Pulp (9643)	9.00	7.00	0.83	0.30	19.70	22.50	As Certified
Dried Beet Pulp (10078)	9.00	7.00	0.44	0.30	19.21	22.50	As Certified
Average	9.00	-----	0.64	-----	19.48	-----	
<u>MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS</u>							
<u>Proprietary Dairy Feed</u>							
ACME-EVANS CO., Indianapolis, Ind. Acme 32% Dairy Supplement (9721)	34.13	32.00	4.64	5.00	7.31	9.00	As Certified
ALLIED MILLS, INC., Chicago, Ill. Amco 24% Dairy Feed (10034)	28.56	24.00	4.42	4.00	7.61	9.00	As Certified
Amco 36% Mash Supplement (9986)	38.63	36.00	3.88	3.50	8.61	8.00	As Certified
Amco Sucrene 16% Dairy Feed (9S78)	21.00	16.50	4.03	3.00	8.96	12.00	As Certified
Amco Sucrene 16% Dairy Feed (9954)	18.94	16.50	3.77	3.00	9.67	12.00	As Certified
Amco Sucrene 20% Dairy Feed (9S76)	23.78	20.00	4.28	3.50	9.87	12.00	As Certified
Amco Sucrene 20% Dairy Feed (9734)	24.13	20.00	3.79	3.50	8.41	12.00	As Certified
Amco Sucrene 20% Dairy Feed (9958)	23.81	20.00	3.66	3.50	8.37	12.00	As Certified
Amco Sucrene 24% Dairy Feed (9983)	28.81	24.00	4.54	3.50	8.32	12.00	As Certified
Amco 32% Supplement Dairy Feed (9581)	35.06	32.00	4.15	4.00	7.16	9.00	As Certified
Amco 32% Supplement Dairy Feed (9820)	33.31	32.00	4.77	4.00	6.94	9.00	As Certified
Amco 32% Supplement Dairy Feed (9949)	34.28	32.00	4.83	4.00	6.64	9.00	As Certified
Amco 32% Supplement Dairy Feed (9886)	34.69	32.00	4.96	4.00	6.88	9.00	As Certified
Amco 32% Supplement Dairy Feed (9736)	38.94	32.00	4.04	4.00	6.31	9.00	As Certified
Amco 24% Universal Dairy Feed (9577)	26.80	24.00	4.08	4.00	7.76	9.00	As Certified
Ideal 16% Dairy Feed (9791)	21.13	16.00	4.83	3.00	9.64	12.00	As Certified
Ideal 16% Dairy Feed (9818)	21.50	16.00	4.83	3.00	8.64	12.00	As Certified
Ideal 16% Dairy Feed (9982)	19.94	16.00	3.81	3.00	9.40	12.00	As Certified
Sugarine 16% Dairy Feed (10040)	20.86	16.50	3.96	3.00	8.40	12.00	As Certified
Sugarine 20% Dairy Feed (9307)	24.44	20.00	4.20	3.50	8.93	12.00	As Certified
Sugarine 24% Dairy Feed (9272)	26.63	24.00	3.83	3.50	8.63	12.00	As Certified
Sugarine 24% Dairy Feed (9308)	27.63	24.00	4.07	3.50	8.22	12.00	As Certified
Topper 16% Dairy Feed (9270)	20.38	16.00	3.23	3.00	10.00	12.00	As Certified
Wayne 32% Dairy Feed (9454)	33.88	32.00	4.00	4.00	7.01	9.00	As Certified
Wayne 32% Dairy Feed (10063)	38.06	32.00	4.62	4.00	8.88	9.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's 32% Dairy Concentrate (9137)	33.56	32.00	4.04	4.00	5.78	10.00	As Certified
Altman's 32% Dairy Concentrate (9662)	33.78	32.00	4.01	4.00	6.26	10.00	As Certified
Altman's 32% Dairy Concentrate (9749)	32.44	32.00	4.16	4.00	7.23	10.00	As Certified
Altman's 16% Dairy Ration (8979)	16.21	16.00	4.29	3.00	10.50	12.00	Linseed oil meal not detected. Found in addition brewers dried grains, barley, and ground buckwheat.
Altman's 16% Dairy Ration (9131)	17.19	16.00	2.79	3.00	10.43	12.00	As Certified
Altman's 16% Dairy Ration (9661)	17.81	16.00	3.13	3.00	10.54	12.00	As Certified
Altman's 20% Dairy Ration (8960)	20.44	20.00	4.28	4.00	10.19	12.00	Linseed oil meal not detected. Found in addition brewers dried grains, malt sprouts, and alfalfa meal.
Altman's 20% Dairy Ration (9130)	19.21	20.00	3.10	4.00	8.90	12.00	As Certified
Altman's 20% Dairy Ration (9743)	20.56	20.00	3.49	4.00	10.62	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Altman's 24% Dairy Ration (8978)	24.31	24.00	4.58	4.00	9.63	12.00	Linseed oil meal not detected. Found in addition brewers dried grains and ground buckwheat.
Altman's 24% Dairy Ration (9061)	26.38	24.00	3.47	4.00	9.05	12.00	As Certified
Altman's 24% Dairy Ration (9129)	22.13	24.00	3.50	4.00	7.09	12.00	As Certified
Altman's 24% Dairy Ration (9744)	25.25	24.00	3.62	4.00	9.47	12.00	As Certified
Altman's Super A 20% Milkera Ration (9659)	25.31	20.00	3.91	4.50	7.11	10.00	As Certified
Altman's Super A 20% Milkera Ration (10019)	23.06	20.00	3.04	3.75	6.66	10.00	As Certified
AMERICAN STORES CO. Philadelphia, Pa.							
Farmdale 20% Dairy Feed (9293)	23.50	20.00	2.82	2.50	10.58	12.00	As Certified
Farmdale 24% Dairy Feed (9294)	25.06	24.00	3.15	4.00	10.77	12.00	As Certified
H. O. ANDREWS & SONS Mapleton Depot, Pa.							
Mor-Milk Dairy Feed (10083)	20.75	20.00	3.12	3.50	8.29	11.00	As Certified
ARCADY FARMS MILLING CO. Chicago, Ill.							
Sesbet 20% Dairy Feed (9223)	21.94	20.00	3.45	3.00	9.71	12.00	As Certified
Sesbet 24% Dairy Ration (9224)	26.13	24.00	3.93	3.00	9.15	12.00	As Certified
Milkera Ready Ration (9221)	23.19	22.00	3.58	3.00	9.51	12.00	As Certified
A. J. BALSCHI, Catawissa, Pa.							
Milk-Well 20% Dairy (9317)	23.56	20.00	4.65	3.50	8.73	12.00	As Certified
Milk-Well 32% Dairy (9916)	36.19	32.00	5.04	3.50	7.40	12.00	As Certified
BLANK & COTTSHALL CO., INC. Sunbury, Pa.							
Banner 20% Dairy Feed (9503)	22.06	20.00	4.50	3.00	12.10	11.00	As Certified
Banner 24% Dairy Ration (9504)	27.38	24.00	4.04	3.00	8.51	11.00	As Certified
B. & G. 34% Concentrate (9501)	36.63	34.00	5.39	4.00	6.58	8.00	As Certified
B. & G. 16% Dairy Ration (9498)	18.38	16.00	4.01	4.00	10.47	11.00	As Certified
B. & G. 16% Dairy Ration (9834)	17.25	16.00	3.58	4.00	11.15	11.00	As Certified
B. & G. 20% Dairy Ration (9506)	23.88	20.00	3.70	4.00	9.45	11.00	As Certified
B. & G. 40% Mixing Supplement (9483)	44.38	40.00	6.04	4.00	3.42	6.00	As Certified
Sunbury 32% Farm Mix Ration (9495)	31.56	32.00	4.10	4.00	6.19	10.00	As Certified
Sunbury 32% Farm Mix Ration (9837)	34.94	32.00	4.18	4.00	6.80	10.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Economy Dairy Feed (9427)	23.81	24.00	3.95	4.00	9.06	12.00	As Certified
Our Quality 20% Dairy Ration (9432)	22.25	20.00	2.61	4.00	9.72	12.00	As Certified
Our Quality 24% Dairy Ration (9425)	26.63	24.00	4.06	4.00	8.20	12.00	As Certified
Our Quality 32% Dairy Ration (9426)	31.56	32.00	4.50	4.00	7.63	12.00	As Certified
THE BUCKEYE CEREAL CO. Massillon, Ohio							
16% Buckeye Bar-X Dairy Feed (9804)	21.50	16.00	2.76	2.70	10.55	12.00	As Certified
16% Buckeye Bar-X Dairy Feed (9892)	16.63	16.00	2.64	2.70	11.36	12.00	As Certified
20% Buckeye Bar-X Dairy Feed (9763)	25.56	20.00	3.29	3.00	10.06	12.00	As Certified
20% Buckeye Bar-X Dairy Feed (9803)	23.69	20.00	3.10	3.00	10.04	12.00	As Certified
24% Buckeye Malto Dairy Feed (9802)	28.56	24.00	3.35	3.00	7.52	10.00	As Certified
32% Buckeye Malto Dairy Feed (9762)	39.75	32.00	3.27	3.00	6.75	9.00	As Certified
32% Buckeye Malto Dairy Feed (9801)	36.50	32.00	3.43	3.00	7.80	9.00	As Certified
16% Prosperity Dairy Feed (9805)	16.75	16.00	2.79	2.70	11.77	12.00	As Certified
CANONSBURG MILLING CO. Canonsburg, Pa.							
C.M.C. 20% Dairy Feed (9650)	20.19	20.00	3.95	4.00	8.22	9.00	As Certified
C.M.C. 24% Dairy Feed (9651)	23.50	24.00	4.00	4.00	7.97	9.00	As Certified
CHAPIN & CO., Hammond, Ind.							
Unicorn Dairy Ration 24% (9937)	25.44	24.00	4.41	4.50	7.85	10.00	As Certified
COOLEY MILLING CO., Centerville, Pa.							
Dairy Feed 24% (9369)	25.81	-----	4.50	----	7.89	-----	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
18% Cow Feed (9829)	22.38	18.00	3.32	3.00	11.66	12.00	As Certified
20% Cow Feed (10046)	22.06	20.00	3.73	3.50	6.31	12.00	As Certified
34% Dairy Supplement (9000)	36.38	34.00	4.13	4.00	6.39	10.00	Found in addition malt sprouts.
34% Dairy Supplement (9831)	36.19	34.00	4.49	4.00	7.80	10.00	As Certified
Exchange Dairy (10045)	23.00	20.00	5.21	4.00	5.82	10.00	As Certified
Milk Maker (10047)	27.19	24.00	4.44	4.00	6.25	10.00	As Certified
Super Exchange Dairy (10050)	22.31	20.00	5.36	4.50	7.11	9.50	As Certified
Super Milk Maker (10048)	26.44	24.00	4.76	4.50	7.09	9.50	As Certified
CUMBERLAND VALLEY COOPERATIVE ASS'N. Shippensburg, Pa.							
Riggs Reliable 24% Dairy Feed (9998)	25.75	24.00	4.71	5.00	8.76	9.00	As Certified
Riggs Reliable 32% Dairy Feed (9997)	35.13	32.00	4.04	6.00	7.73	9.00	As Certified
CUSTER'S FLOUR MILL, Milton, Pa.							
Custer's 32% Dairy Ration (9777)	33.63	32.00	5.37	4.50	8.73	8.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DIAMOND MILLING CO. New Brighton, Pa. Brighton 20% Dairy Ration (9193) Brighton 24% Dairy Ration (9191) Diamond 20% Dairy Ration (9203) Diamond 24% Dairy Ration (9198) Diamond 32% Dairy Supplement (9197)	22.63 27.94 23.94 27.63 36.50	20.00 24.00 20.00 24.00 32.00	3.31 3.28 4.32 4.68 5.22	3.00 3.00 4.00 4.00 4.00	11.20 10.56 10.37 10.76 8.66	11.50 11.00 12.00 10.00 8.00	As Certified As Certified As Certified As Certified As Certified
FRED DIEFENDERFER & SON Sharpsville, Pa. Diefenderfer's 24% Dairy Feed (9349)	26.25	24.00	4.10	4.00	7.48	12.00	As Certified
DIETRICH & CAMBRILL, INC. Frederick, Md. Big 4 Dairy Feed (8972) D. & O. Dairy Feed (8969)	16.26 20.50	12.00 20.00	2.42 4.09	2.50 4.00	14.57 10.97	16.00 12.00	As Certified Found in addition alfalfa meal.
D. & O. Dairy Feed (9984) Frederick Dairy Feed (8970) Cambrill's A 1 Dairy Feed (8967) Cambrill's A 1 Dairy Feed (9986) Cambrill's 16% Dairy Feed (8971)	20.56 25.31 24.44 26.13 18.75	20.00 24.00 24.00 24.00 16.00	4.00 4.42 4.71 4.91 3.60	4.00 4.00 4.60 4.00 3.50	11.26 11.36 8.36 9.71 11.30	12.00 12.00 9.00 10.00 12.00	As Certified As Certified As Certified As Certified Found in addition brewers dried grains.
Gambrill's 16% Dairy Feed (9983) Gambrill's High Protein Dairy Feed (8968) Gambrill's High Protein Dairy Feed (9866) Gambrill's High Protein Dairy Feed (9985) Pen Mar Dairy Feed (8966)	18.94 33.50 35.06 35.38 23.69	16.00 32.00 32.00 32.00 20.00	4.05 5.10 4.50 6.01 4.35	3.50 6.00 4.00 4.00 4.00	11.89 8.52 8.76 7.95 8.09	12.00 9.00 9.00 9.00 9.00	As Certified As Certified As Certified As Certified As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa. Challenge Dairy Feed (9462) Challenge Dairy Feed (10010) Conestoga 20% Dairy Feed (9304) Conestoga 20% Dairy Feed (9512) Maintenance 20% Dairy Feed (9303) Penney 16 Dairy Feed (9306) Penney 16 Dairy Feed (9513) Penney 16 Dairy Feed (10009) Red Rose 20% Dairy Feed (9282) Red Rose 24% Dairy Feed (9280) Red Rose 24% Dairy Feed (9463) Red Rose 24% Dairy Feed (9511) Red Rose 32% Mixing Ration (9281) Red Rose 32% Mixing Ration (9464) Red Rose 32% Mixing Ration (9514) Red Rose 32% Mixing Ration (9936) Red Rose 32% Mixing Ration (10011)	25.94 28.13 22.50 22.56 23.75 21.38 20.13 20.66 22.81 24.56 28.63 26.63 32.88 33.88 35.13 34.88 34.75	24.00 24.00 20.00 20.00 20.00 16.00 16.00 16.00 20.00 24.00 24.00 24.00 32.00 32.00 32.00 32.00 32.00	4.89 5.17 4.35 4.00 5.00 5.08 4.06 6.39 4.34 4.28 4.76 4.12 3.96 4.62 4.78 4.27 4.75	4.00 4.00 4.00 4.00 4.00 3.00 3.00 3.00 4.00 4.00 4.00 4.00 4.60 4.60 4.60 4.50 4.50	9.07 8.31 9.45 9.35 11.00 10.59 10.13 10.02 8.22 8.61 8.40 7.81 7.50 7.50 7.94 6.97 6.89	11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 9.00 9.00 9.00 9.00 9.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
J. I. ESHELMAN & SON, St. Thomas, Pa. E.L.M. 16% Dairy Feed (9944) E.L.M. 20% Dairy Feed (9945) E.L.M. 32% Dairy Feed (9946)	20.06 24.88 37.63	16.00 20.00 32.00	3.43 3.75 4.62	4.00 4.00 4.50	9.84 9.03 7.46	12.00 12.00 9.00	As Certified As Certified As Certified
FARM BUREAU MILLING CO., INC. Chicago, Ill. Mermaid Balancer 32% Protein with Cod Liver Oil (9387) Milk Maker 20% Protein (9394) Milk Maker 24% Protein (9450) Milk Maker 34% Protein (9395) Super Milk Maker 24% Protein (9278)	34.63 23.06 27.60 34.38 25.81	32.00 20.00 24.00 34.00 24.00	6.58 4.60 4.32 4.53 4.72	4.00 4.00 4.00 3.50 4.50	6.50 6.47 5.50 6.86 6.49	6.60 10.00 10.00 7.50 9.50	As Certified As Certified As Certified As Certified As Certified
FLORY MILLING CO., INC., Bangor, Pa. Flory's 24% Special Dairy Feed (10042)	26.26	24.00	4.02	4.00	9.27	10.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y. Daily Milk Dairy Feed (9289) Daily Milk Dairy Feed (9555) Daily Milk Dairy Feed (9730) Milky Way Dairy Feed 20% (9286) Milky Way Dairy Feed 20% (9556) Milky Way Dairy Feed 20% (9731) Milky Way Dairy Feed 24% (9288) Milky Way Dairy Feed 24% (9553) Milky Way Supplement Feed 32% (9287)	18.94 18.94 19.00 21.50 19.26 23.50 24.50 25.38 34.19	16.00 16.00 16.00 20.00 20.00 20.00 24.00 24.00 32.00	4.41 3.06 3.18 3.64 3.01 3.13 3.60 3.27 4.08	3.00 3.00 3.00 3.50 3.50 3.50 3.50 3.50 4.00	12.89 11.49 8.97 8.08 11.35 8.69 7.31 7.83 8.29	12.00 12.00 12.00 9.00 9.00 9.00 9.00 9.00 8.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
HALES & HUNTER CO., Chicago, Ill. Special Red Horn 20% Dairy Feed (9756) Special Red Horn 24% Dairy Feed (9766)	23.50 27.50	20.00 24.00	3.27 3.64	3.50 3.50	9.66 9.53	12.00 12.00	As Certified As Certified
EUGENE RELWIG & BROTHER Catawissa, Pa. Blue Ribbon 20% Dairy (9911)	26.06	20.00	3.39	3.00	7.11	10.00	As Certified
THE HERRMAN-McLEAN CO. Cleveland, Ohio Ohio 16% Dairy Ration (9164)	17.00	16.00	3.60	3.60	12.89	16.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Ohio 24% Dairy Ration (9160)	26.19	24.00	3.63	3.50	10.27	12.00	As Certified
Ohio 24% Dairy Ration (9174)	24.81	24.00	3.77	3.50	9.88	12.00	As Certified
Portage 20% Dairy Ration (9175)	24.56	20.00	3.64	3.50	11.00	12.00	As Certified
HUBBARD MILLING CO., Mankato, Minn.							
Hubbard's Sunshine Concentrate (9884)	33.13	32.00	5.75	5.00	6.56	7.00	As Certified
Hubbard's Sunshine Concentrate with Cod Liver Oil (9518)	34.44	32.00	5.80	4.50	6.64	7.00	As Certified
Hubbard's Sunshine 35% Dairy Concentrate (9529)	38.19	35.00	3.89	3.00	6.72	7.00	As Certified
Hubbard's Sunshine 16% Dairy Ration (9526)	20.06	16.00	3.50	3.50	10.20	11.00	As Certified
Hubbard's Sunshine 20% Dairy Ration (9525)	21.63	20.00	3.50	3.50	10.33	10.00	As Certified
Hubbard's Sunshine 24% Dairy Ration (9524)	25.06	24.00	4.01	3.50	9.99	10.00	As Certified
HUNTSINGER'S MILLS, Hegins, Pa.							
Quality Dairy Ration (9932)	21.06	20.00	4.40	4.50	8.96	8.00	As Certified
F. W. HUTCHISON & CO., New Castle, Pa.							
Hutchison 24% Dairy (9323)	28.44	24.00	4.17	4.00	9.15	12.00	As Certified
Hutchison 33% Dairy (9325)	34.13	33.00	4.79	4.50	8.18	8.50	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Apex 20% Dairy Ration (9634)	21.69	20.00	4.25	3.50	11.25	12.00	As Certified
Kasco Mornilk Dairy Ration (9636)	25.31	20.00	4.77	4.00	8.42	10.00	As Certified
Kasco Sweet 16% Dairy Feed (9637)	20.06	16.00	3.65	3.50	12.82	12.00	As Certified
J. J. KENNEDY & SONS, Zelienople, Pa.							
Kennedy's Dairy Feed (9326)	21.19	20.00	4.29	4.00	8.71	10.00	As Certified
F. B. KERN, Catawissa, Pa.							
Blue Ribbon 20% Dairy Feed (9924)	23.56	20.00	4.03	3.00	9.68	11.00	As Certified
Kernie's 24% Dairy Feed (9926)	27.63	24.00	4.07	3.50	8.12	11.00	As Certified
Kernie's Sweet 16% Dairy Feed (9925)	18.81	16.00	3.68	2.80	11.19	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro The Ready Ration for Dairy Cows (9058)	21.94	20.00	3.82	3.75	10.32	12.00	As Certified
Larro The Ready Ration for Dairy Cows (9570)	22.63	20.00	4.00	3.75	9.75	12.00	As Certified
Larro The Ready Ration for Dairy Cows (9640)	22.75	20.00	4.03	3.75	9.86	12.00	As Certified
Larro The Ready Ration for Dairy Cows (10030)	22.31	20.00	4.10	3.75	9.14	12.00	As Certified
LEHMASTER ELEVATOR CO., Lemaster, Pa.							
Parnell Dairy Concentrate (9979)	33.00	32.00	5.48	4.00	7.64	9.00	As Certified
Parnell Dairy Feed (9978)	21.13	20.00	3.71	3.50	8.02	9.00	As Certified
MARION SUPPLY CO., Marion, Pa.							
Marion 32 Dairy Concentrate (9991)	31.81	32.00	5.04	3.50	8.81	9.50	As Certified
Marion Dairy Feed (9994)	20.25	19.50	4.07	3.50	8.05	10.00	As Certified
McMILLEN FEED MILLS, INC.							
Fort Wayne, Ind.							
Master Mix 32% Dairy Concentrate (9913)	35.31	32.00	2.81	3.00	6.87	9.00	As Certified
Master Mixing Feed (9690)	29.19	24.00	2.86	3.00	6.94	8.00	As Certified
MERCER MILLING CO., Mercer, Pa.							
Davis's 18% Dairy Feed (9443)	19.69	18.00	2.72	4.00	11.62	11.00	As Certified
Davis's 24% Dairy Feed (9444)	26.19	24.00	3.75	5.00	9.10	11.00	As Certified
Davis's 32% Dairy Feed (9442)	33.44	32.00	3.63	5.00	8.87	10.00	As Certified
MEYERINK MILLING CO., Clymer, N. Y.							
Clymer Dairy Ration (9400)	21.81	20.00	4.08	4.00	6.20	9.00	As Certified
Clymer Milk Maker (9401)	24.63	24.00	4.52	5.00	6.88	9.00	As Certified
THE MIFFLINBURG FARMERS' EXCHANGE, INC.							
Mifflinburg, Pa.							
Farmers 32% Dairy Feed (9769)	34.19	32.00	4.13	4.00	7.58	9.00	As Certified
Farmers 20% Milk Producer (9767)	22.81	20.00	4.22	4.25	6.97	10.00	As Certified
Farmers Sugared Dairy Ration (9766)	18.25	15.00	3.09	3.30	10.88	12.00	As Certified
GEORGE Q. MOON & CO., INC.							
Binghamton, N. Y.							
Crescent Dairy Ration (9610)	19.50	18.00	4.02	3.00	11.23	12.00	As Certified
Moon's 20% Dairy Feed with Molasses (9611)	20.00	20.00	3.85	4.50	11.71	11.00	As Certified
Moon's 24% Dairy Ration (9613)	26.94	24.00	3.80	4.00	7.02	10.00	As Certified
Special A Dairy 20% Ration (9612)	25.50	20.00	4.14	4.00	7.23	10.00	As Certified
P. J. OESTERLING & SON, INC.							
Butler, Pa.							
Cash and Carry 24% Dairy Ration (9082)	24.50	24.00	3.56	3.50	11.41	11.00	As Certified
16% Dairy and Fitting Ration containing Cane Molasses (9234)	18.88	16.00	3.78	3.00	12.88	12.00	As Certified
Our Special 20% Dairy Feed (9079)	21.44	20.00	3.11	3.00	12.23	11.00	As Certified
No. 7 Special Dairy Ration (9080)	22.94	20.00	3.56	4.00	7.59	8.00	As Certified
No. 7 Special Dairy Ration (9232)	22.00	20.00	3.64	4.00	7.28	8.00	As Certified
Sunside Brand Pa. State Farmers Dairy Ration Big 5 with Molasses and containing Iodine (9078)	23.69	24.00	4.08	4.00	7.27	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Super 34% Dairy Ration (9081)	37.38	34.00	4.56	4.00	7.68	8.00	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa.							
Old Clock 16% Dairy Feed (10086)	20.19	16.50	5.45	3.00	13.62	12.00	As Certified
Old Fort 32% Cow Mix (10087)	33.81	32.00	5.11	4.00	7.57	11.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Doublex 24% Dairy Ration (9677)	24.31	24.00	4.16	3.50	9.67	11.00	As Certified
Milkmaid 24% Sweetened Dairy Ration (10037)	25.38	24.00	4.23	4.00	7.65	10.00	As Certified
PRATT FOOD CO., Hammond, Ind.							
Pratt's Sweet 16% Dairy Feed (9687)	18.44	16.00	4.20	3.00	10.83	12.00	As Certified
Pratt's Sweet 24% Dairy Feed (9792)	25.06	24.00	3.40	4.00	7.51	10.00	As Certified
Pratt's Sweet 24% Dairy Feed (10036)	25.75	24.00	4.44	4.00	7.70	10.00	As Certified
Pratt's Sweet 32% Dairy Feed (9797)	35.56	32.00	3.93	4.50	6.95	9.00	As Certified
Utility Sweet 20% Dairy Feed (9142)	21.69	20.00	3.72	3.50	9.66	12.00	As Certified
Utility Sweet 20% Dairy Feed (9795)	22.13	20.00	3.45	3.50	9.76	12.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker 20% Protein Dairy Ration (10022)	21.00	20.00	3.95	4.00	10.58	12.00	As Certified
Quaker 24% Protein Dairy Ration (9106)	24.56	24.00	3.87	3.75	10.79	12.00	As Certified
Quaker 24% Protein Dairy Ration (9225)	24.68	24.00	3.97	3.75	10.48	12.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Bulky Las Chow (Buffalo Mill) (9966)	13.19	9.00	2.25	1.30	12.91	15.00	As Certified
Purina Cow Chow 20% (9254)	21.63	20.00	4.93	4.00	6.81	10.00	As Certified
Purina Cow Chow 24% (9261)	26.25	24.00	5.06	4.00	7.11	11.00	As Certified
Purina Cow Chow 24% (9934)	26.68	24.00	4.66	4.00	7.06	11.00	As Certified
Purina Cow Chow 34% (9964)	37.63	34.00	4.37	4.00	7.89	11.00	As Certified
Purina Dry and Freshening Chow (9252)	15.63	12.50	2.78	2.50	10.92	14.00	As Certified
Purina Dry and Freshening Chow (9939)	16.13	12.50	2.54	2.50	12.61	14.00	As Certified
Purina Milk Chow 20% (10077)	22.58	20.00	3.39	3.50	7.55	11.00	As Certified
REX GRAIN & MILLING CO., INC.							
Buffalo, N. Y.							
Rex Gem 20% Dairy Ration (9598)	22.19	20.00	3.72	4.00	10.00	11.00	As Certified
THE RICHARDS MILLING CO.							
Cortland, Ohio							
Richard's 20% Beet Pulp Dairy Feed (9642)	22.00	20.00	3.15	4.00	7.60	10.00	As Certified
Richard's 20% Beet Pulp Dairy Feed (10032)	22.75	20.00	2.76	4.00	8.03	10.00	As Certified
Richard's Cash Dairy Feed (9152)	25.69	24.00	2.71	4.00	11.23	11.00	As Certified
Richard's 16% Dairy Feed (9151)	16.50	16.00	2.00	4.00	12.85	12.00	As Certified
Richard's 16% Dairy Feed (9329)	25.19	16.00	3.27	4.00	10.35	12.00	As Certified
Richard's 16% Dairy Feed (9679)	17.13	16.00	2.31	4.00	11.99	12.00	As Certified
Richard's 16% Dairy Feed (10035)	15.38	16.00	1.40	4.00	11.49	12.00	As Certified
Richard's 20% Dairy Feed (9330)	23.50	20.00	2.55	4.00	8.62	10.00	As Certified
ROTH MILLING CO., Prospect, Pa.							
Puritan Dairy Ration (9560)	21.06	20.00	4.14	3.00	7.33	12.00	As Certified
ROUX FEED MILLS, Sharon, Pa.							
Roux 16% Dairy Feed (9339)	18.81	16.00	2.86	3.00	7.98	12.00	As Certified
Roux 20% Dairy Feed (9340)	24.44	20.00	3.55	3.50	7.81	12.00	As Certified
Roux 24% Dairy Feed (9341)	25.59	24.00	3.39	3.50	8.22	12.00	As Certified
Roux 32% Dairy Feed (9342)	31.63	32.00	3.81	4.00	6.20	9.00	As Certified
THE SMITH MILLING CO., Mt. Union, Pa.							
Dairy Feed 16% (10080)	17.19	16.00	3.11	3.50	6.97	11.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Iron City Brand Dairy Feed (9675)	22.25	16.00	3.10	3.00	9.16	12.00	As Certified
Red Letter Dairy Feed (9166)	24.13	20.00	3.53	4.00	8.81	12.00	As Certified
W. N. TELFER & BROS., Port Royal, Pa.							
Telfer's Economy 16% Dairy Feed (10091)	17.56	16.00	2.93	4.00	8.53	11.00	As Certified
Telfer's 32% Milk Producer (10092)	33.06	32.00	3.43	4.75	8.68	10.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pa.							
Templeton's 20% Dairy Feed (9667)	22.56	20.00	3.39	4.50	8.30	9.00	As Certified
THORPE, BAKER & CO., Carbondale, Pa.							
White Tag Dairy Feed (10061)	24.13	20.00	4.85	4.00	6.54	10.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
24% Creamatine (8999)	26.13	24.00	5.35	4.50	7.35	10.00	As Certified
Ti-O-Ga E-Gee 20% Dairy Feed (8994)	21.13	20.00	4.72	4.00	8.08	10.00	As Certified
THE UBIKO MILLING CO.							
Cincinnati, Ohio							
Clover Bloom Sweet 16% Feed (9298)	21.06	16.00	3.63	3.00	9.44	12.00	As Certified
20% Sweet Union Graine (9024)	23.75	20.00	4.32	4.00	8.26	10.00	As Certified
24% Sweet Union Grains (9036)	25.75	24.00	5.23	4.00	7.51	10.00	As Certified
32% Sweet Union Graine (9042)	33.06	32.00	4.62	4.00	7.37	10.00	As Certified
32% Sweet Union Grains (9639)	34.38	32.00	4.01	4.00	8.10	10.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio							
Urbana 20% Dairy Ration (9258)	20.25	20.00	2.02	3.00	11.37	12.00	As Certified
Urbana 24% Dairy Ration (9259)	24.25	24.00	2.21	3.50	9.58	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
VANDERVORT MILLS, Laceyville, Pa. Vandervort's 16% Dairy Ration (Sweet Sixteen) (8987)	15.56	16.00	3.87	3.50	9.11	11.00	As Certified
Vandervort's 16% Dairy Ration (Sweet Sixteen) (9009)	16.13	16.00	3.62	3.50	10.22	11.00	Oat feed identified as oat meal mill by-products.
Vandervort's 18% Dairy Ration (8988)	18.31	18.00	4.46	4.00	9.07	11.00	As Certified
Vandervort's 18% Dairy Ration (9011)	17.63	18.00	3.94	4.00	8.93	11.00	Oat feed identified as oat meal mill by-products.
Vandervort's 24% Dairy Ration (9006)	24.69	24.00	4.44	4.50	5.89	8.00	Found in addition palm kernel meal.
Vandervort's 32% Dairy Ration (9015)	31.81	32.00	4.22	4.00	6.72	6.00	As Certified
Vandervort's Open Formula 24% Dairy Ration (9017)	24.44	24.00	3.72	3.00	7.23	8.50	Cocoanut oil meal not detected. Found in addition brewers dried grains.
Vandervort's 20% Special Dairy Ration (8989)	20.06	20.00	4.31	4.50	7.05	8.00	As Certified
Vandervort's 20% Special Dairy Ration (9005)	20.31	20.00	4.44	4.50	6.12	8.00	Found in addition palm kernel meal.
VEACH COMPANY, New Castle, Pa. Veach Dairy Feed (9320)	24.50	20.00	3.15	3.50	8.53	10.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Special Velvet Dairy Feed (9381)	18.31	16.00	3.59	3.00	10.67	12.00	As Certified
Special Velvet Dairy Feed (9752)	19.28	16.00	4.17	3.00	10.96	12.00	As Certified
Sweet Honey Bee Dairy Feed (9384)	17.56	16.00	3.42	3.00	10.88	12.00	As Certified
Sweet Honey Bee Dairy Feed (9885)	17.75	16.00	3.46	3.00	11.08	12.00	As Certified
Vitality Circle Bee 24% Dairy Feed (9475)	27.06	24.00	4.21	3.50	11.09	11.00	As Certified
Vitality Dry and Fresh Cow Fitting Ration (9476)	14.38	13.00	2.86	3.00	7.50	10.00	As Certified
Vitality 20% Milk Builder (9385)	22.31	20.00	4.02	3.50	9.92	12.00	As Certified
Vitality 20% Milk Builder (9472)	22.94	20.00	3.66	3.50	10.89	12.00	As Certified
Vitality 24% Milk Builder (9380)	26.88	24.00	3.65	3.50	6.79	10.00	As Certified
Vitality 24% Milk Builder (9473)	25.75	24.00	3.66	3.50	9.14	10.00	As Certified
VOLANT MILLS, Volant, Pa. 24% Dairy Ration (9694)	25.25	24.00	4.01	3.50	8.76	12.00	Found in addition malt sprouts.
THE WADSWORTH FEED CO., Warren, Ohio Wadsworth's 32% Dairy Ration (9215)	35.06	32.00	3.92	4.50	7.75	9.00	As Certified
C. Y. WAGNER & CO., INC. Sellefonte, Pa. Wagner's 16% Dairy Feed (9465)	19.56	16.00	3.35	3.00	11.71	12.00	As Certified
Wagner's 20% Dairy Feed (9466)	21.56	20.00	3.85	3.50	8.25	12.00	As Certified
Wagner's 32% Dairy Feed (9467)	30.81	32.00	4.19	4.00	6.74	9.00	As Certified
WARNER'S MILL, Alliance, Ohio Warner's Bulky Twenty Dairy Feed (9309)	24.19	20.00	3.01	3.50	12.74	12.00	As Certified
Warner's 20% Dairy Feed (9311)	21.19	20.00	3.11	3.50	12.22	12.00	As Certified
Warner's 24% Dairy Feed (9310)	23.44	24.00	3.25	3.50	12.12	12.00	As Certified
WESCO FOODS CO., Cincinnati, Ohio Wesco 16% Dairy Feed (9722)	19.44	16.00	5.75	3.50	11.10	12.00	Found in addition large amount whole weed seeds & brewers dried grains.
Wesco 20% Dairy Feed (Michigan Formula) (9723)	20.75	20.00	4.84	3.50	9.29	12.00	As Certified
Wesco 24% Dairy Feed (9717)	27.63	24.00	3.16	4.00	6.37	10.00	As Certified
R. A. WESTERMAN, Sarver, Pa. Home Mix Dairy Feed (9562)	23.69	20.00	3.37	3.50	9.44	7.00	As Certified
WESTERN FLOUR CO., Charleroi, Pa. Economy's 16% Dairy Feed (9120)	20.50	16.00	3.55	3.50	10.09	12.00	As Certified
Economy's 24% Dairy Feed (9118)	22.69	24.00	3.54	3.50	9.26	11.00	As Certified
Economy's 34% Dairy Feed (9125)	32.06	34.00	3.42	3.50	7.96	11.00	As Certified
WEST SUNBURY MILLING CO. West Sunbury, Pa. West Sunbury 20% Dairy Feed (9436)	22.06	20.00	4.83	4.00	8.58	8.50	As Certified
A. H. WHITE, Monroeton, Pa. White's Bradco Dairy Ration (8993)	22.44	20.00	2.95	4.00	5.98	7.00	Linseed oil meal and buckwheat middlings not detected. Found in addition brewers dried grains and bone charcoal.
CRAWFORD M. WOOLSEY CO., Gerry, Pa. Economy Dairy Ration (9586)	25.44	24.00	4.01	4.00	10.72	11.00	As Certified
Old Reliable Dairy Ration 20% (9589)	19.81	20.00	3.37	4.00	10.18	11.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Old Reliable Dairy Ration 24% (9587)	25.19	24.00	4.85	4.50	9.07	11.00	As Certified
Reliable 32% Supplement (9591)	32.13	32.00	4.62	4.50	7.58	11.00	As Certified
Woode Reliable Dairy Ration (9590)	15.38	16.00	2.39	3.00	15.45	11.00	As Certified
Average	25.08	-----	3.94	-----	8.90	-----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS, INC., Chicago, Ill.							
Amco Fitting Ration (9951)	15.19	12.00	3.97	3.50	6.19	9.00	As Certified
Amco Horse Feed (9583)	11.00	9.00	3.07	3.00	7.97	10.00	As Certified
Amco Horse Feed (9957)	10.96	9.00	3.13	3.00	6.97	10.00	As Certified
H. S. ALTMAN, Irwin, Pa.							
Altman's Horse Feed (9065)	10.38	8.00	3.02	3.00	10.73	15.00	As Certified
Altman's Horse Feed (9140)	11.38	8.00	3.04	3.00	9.75	15.00	As Certified
Altman's Horse Feed (9871)	10.75	8.00	2.86	3.00	8.79	15.00	As Certified
Altman's Horse Feed (10026)	11.56	8.00	3.09	3.00	9.55	15.00	Linseed oil meal not detected.
ARCADY FARMS MILLING CO., Chicago, Ill.							
Arcady Steer Feed (9222)	11.81	9.00	1.88	1.50	10.45	15.00	As Certified
BLANK & GOTTSRALL CO., INC. Sunbury, Pa.							
E. & G. Horse Feed (9499)	10.63	10.00	3.17	3.00	7.81	8.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Horse and Mule Feed (9431)	10.94	10.00	3.01	4.00	7.84	12.00	As Certified
CANONSBURG MILLING CO. Canonsburg, Pa.							
C.M.C. Horse Feed (9648)	10.50	10.00	3.00	3.00	7.84	8.00	As Certified
J. A. CLARK, Weigh Scales, Pa.							
Clark's Fitting Ration (9789)	16.88	18.00	4.41	4.50	7.09	12.00	As Certified
Clark's Horse Feed (9786)	13.13	10.00	3.57	3.00	7.70	12.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Fitting Ration (10049)	15.38	13.00	3.89	3.00	5.22	8.50	As Certified
Horse Feed (10053)	13.88	9.00	4.04	3.00	5.59	9.00	As Certified
Super Test Feed (9001)	19.69	16.00	5.11	4.50	7.66	11.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa.							
Diamond Fitting Ration (9194)	13.44	12.00	3.75	4.00	5.14	7.00	As Certified
Diamond Horse Feed (9201)	14.50	12.00	3.15	3.50	9.96	10.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
Fitting Ration (10098)	14.44	12.00	4.23	3.50	6.42	8.50	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose 85 Horse Feed (9460)	11.19	9.00	3.98	3.00	8.26	10.00	As Certified
Red Rose Steer Feed (9461)	24.50	18.00	3.10	2.50	12.77	15.00	As Certified
HANEY-FRAZIEH MILLING CO. Danville, Pa.							
R-F Stock Feed (9783)	17.19	16.00	3.69	4.00	6.77	8.00	As Certified
THE HERRMAN McLEAN CO. Cleveland, Ohio							
Portage Horse and Mule Feed (9163)	10.88	9.00	2.92	2.50	9.71	8.00	As Certified
THE MENNEL MILLING CO., Toledo, Ohio							
Memo 85% Horse Feed with Molasses (9530)	10.44	10.00	3.20	3.00	6.41	12.00	As Certified
GEORGE Q. MOON & CO., INC. Binghamton, N. Y.							
Fitting Ration (9616)	16.63	13.00	5.01	3.00	8.14	9.00	As Certified
90 Horse Feed with Molasses (9614)	10.88	9.00	3.50	3.00	6.17	10.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Oesterling's 16% Dairy and Fitting Ration containing Cane Molasses (9083)	18.56	16.00	3.57	3.00	13.39	12.00	As Certified
Oesterling's Horse and Mule Feed (9101)	10.38	10.00	3.19	3.00	11.92	12.00	As Certified
PRATT FOOD CO., Hammond, Ind.							
Pratt's Horse Feed with Alfalfa (9689)	9.75	9.00	2.78	2.50	10.18	14.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Cattle Feed Supplement 32% (9228)	33.38	32.00	4.65	4.00	8.39	11.00	As Certified
Quaker Sugared Schumacher Feed (9029)	11.69	10.00	4.28	3.00	10.14	12.00	As Certified
Quaker Sugared Schumacher Feed (9107)	11.81	10.00	3.98	3.00	11.01	12.00	As Certified
Quaker Sugared Schumacher Feed (9226)	12.56	10.00	4.12	3.00	10.30	12.00	As Certified
Quaker Sugared Schumacher Feed (10021)	12.06	10.00	3.78	3.00	10.46	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RALSTON PURINA CO., St. Louis, Mo. Purina Omolene (9256) Purina Omolene (9971)	10.63 13.44	10.00 10.00	3.50 3.44	3.20 3.20	7.08 8.10	11.00 11.00	As Certified As Certified
THE SMITH MILLING CO., Mt. Union, Pa. Smith's Horse and Mule Feed (10079)	11.59	10.00	3.22	4.00	6.89	10.50	As Certified
W. M. TEMPLETON & SONS, Houston, Pa. Templeton's Horse Feed (9670)	11.13	9.00	3.40	3.50	6.78	9.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Or-Co Feed (8996)	21.06	18.00	3.37	3.00	9.26	12.00	As Certified
THE UBIKO MILLING CO. Cincinnati, Ohio Crusader Horse Feed (9044)	10.06	9.00	3.70	2.50	10.23	10.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio Purity Horse Feed (9260)	11.38	9.00	2.73	2.50	6.12	8.00	As Certified
VANDERVORT MILLS, Laceyville, Pa. Vandervort's 12% Fitting Ration (8986)	14.06	12.00	5.10	4.00	6.34	7.00	Found in addition brewers dried grains. Mineral identified as calcium carbonate.
Vandervort's 12% Fitting Ration (9007)	13.81	12.00	4.50	4.00	5.60	7.00	Found in addition palm kernel meal and brewers dried grains.
C. Y. WAGNER & CO., INC. Bellefonte, Pa. Wagner's Horse Feed (9471)	12.00	9.00	3.43	3.00	7.63	7.00	As Certified
Average	13.58	-----	3.58	-----	8.33	-----	
<u>Proprietary Calf Meal</u>							
BLANK & GOTTSCHALL CO., INC. Sunbury, Pa. B. & G. 22% Calf Meal (9493)	26.06	22.00	5.09	4.00	6.43	6.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y. Calf Meal (10051) Calf Starter (9832) Calf Starter (10052)	22.81 20.56 19.63	20.00 18.00 18.00	4.12 3.47 4.86	3.50 3.00 3.00	3.38 3.83 3.46	4.50 4.00 4.00	As Certified As Certified As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond Calf Meal (9190)	24.69	23.00	3.54	4.00	4.81	5.50	As Certified
FARM BUREAU MILLING CO., INC. Chicago, Ill. Calf Meal (9390)	22.38	20.00	4.58	3.50	3.78	4.50	As Certified
HUBBARD MILLING CO., Mankato, Minn. Hubbard's Sunshine Calf Meal (9528)	34.19	32.00	5.00	5.00	6.78	7.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Larro Calf Builder (10095)	26.38	25.00	4.25	4.00	3.87	4.50	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Calf Startena (9630) Purina Calf Startena (9970) Purina Calf Starting Chow (9244)	20.94 23.75 29.13	19.50 19.50 27.00	3.32 3.15 4.31	3.00 3.00 3.20	9.45 8.58 4.19	9.50 9.50 5.00	As Certified As Certified As Certified
ROTH MILLING CO., Prospect, Pa. Puritan Calf Meal (9558)	23.13	21.00	4.55	4.00	5.10	6.00	As Certified
W. N. TELFER & BROS., Port Royal, Pa. Just Right Calf Meal (10093)	25.88	22.00	3.52	3.80	3.49	4.00	As Certified
VANDERVORT MILLS, Laceyville, Pa. Vandervort's Calf Food (9014)	19.88	18.00	4.02	4.00	3.66	6.00	As Certified
Average	24.25	-----	4.13	-----	5.05	-----	
<u>Proprietary Swine Feed</u>							
ACME-EVANS CO., Indianapolis, Ind. Acme 18% Pig Meal (9726) Acme Hog Fattener (9725)	22.75 16.19	18.00 14.00	2.65 3.76	3.50 3.50	6.89 6.87	7.00 7.00	As Certified As Certified
ALLIED MILLS, INC., Chicago, Ill. Amco 40% Mineralized Hog Supplement (9857) Amco Pork Producer (9582) Amco Pork Producer (9855) Amco Pork Producer (9962) Ideal Hog Supplement (9959) Wayne Pork Maker (9267) Wayne Pork Maker (9890)	43.56 15.25 17.88 15.88 40.81 15.19 16.19	40.00 14.00 14.00 14.00 40.00 14.00 14.00	5.03 4.20 4.53 3.56 5.26 3.96 3.82	4.50 3.50 3.50 3.50 4.00 3.50 3.50	6.30 5.93 6.18 5.71 6.15 6.16 5.93	8.00 7.00 7.00 7.00 7.00 7.00 7.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
R. S. ALTMAN, Irwin, Pa.							
Altman's Hog Feed (with Yeast) (9064)	20.94	15.00	5.55	3.00	6.94	7.00	As Certified
Altman's Hog Feed (with Yeast) (9132)	18.44	15.00	5.19	3.00	5.33	7.00	As Certified
Altman's Hog Feed (with Yeast) (9887)	19.75	15.00	5.86	3.00	7.09	7.00	As Certified
H. O. ANDREWS & SONS Mapleton Depot, Pa.							
Pig & Hog Meal (10084)	17.94	16.00	4.58	4.00	6.94	9.00	As Certified
ARCADY FARMS MILLING CO. Chicago, Ill.							
Hog Grower (9219)	15.44	15.00	4.34	3.50	6.20	9.00	As Certified
Sunkist 40% Hog Supplement (9220)	38.94	40.00	3.75	4.00	5.49	8.00	As Certified
A. J. BALSHI, Catawissa, Pa.							
Muet Gro Pig and Hog Feed (9919)	19.56	17.00	5.21	4.00	7.13	10.00	As Certified
Muet Live and Grow Pig and Hog Feed (9915)	37.38	36.00	5.08	3.00	6.68	12.00	As Certified
BLANK & GOTTSHALL CO., INC. Sunbury, Pa.							
B. & G. Hog Feed (9494)	18.50	17.00	4.26	4.00	11.21	11.00	As Certified
B. & G. Hog Feed (9836)	18.63	16.00	3.88	3.00	13.86	11.00	As Certified
B. & G. 40% Pork Pusher (9497)	37.38	40.00	5.75	4.00	6.93	7.00	As Certified
B. & G. 40% Pork Pusher (9833)	37.25	40.00	5.10	4.00	10.45	7.00	As Certified
B. & G. Pig Starting and Weaning Meal (9498)	20.19	19.00	4.63	3.50	5.77	7.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Our Quality Pig Hation (9430)	19.31	16.50	4.05	4.50	5.00	5.00	As Certified
THE BUCKEYE CEREAL CO. Massillon, Ohio							
Buckeye Pig and Hog Meal (9758)	19.94	18.00	3.50	3.50	5.13	8.00	As Certified
40% Hog Supplement (9760)	45.50	40.00	3.44	3.50	5.59	8.00	As Certified
Prosperity Hog Meal (9761)	17.63	16.00	3.70	3.00	4.63	8.50	As Certified
Prosperity Hog Meal (9812)	20.63	16.00	3.05	3.00	5.10	8.50	As Certified
Prosperity Hog Meal (9891)	19.13	16.00	3.29	3.00	4.39	8.50	As Certified
COOPERATIVE C.L.F. MILLS, INC. Buffalo, N. Y.							
Hog Feed (9004)	18.88	17.00	4.40	3.50	4.78	6.00	As Certified
Hog Feed (9360)	19.38	17.00	4.70	3.50	4.67	6.00	As Certified
Hog Feed (10056)	18.25	17.00	5.00	3.50	4.97	6.00	As Certified
CUMBERLAND VALLEY COOPERATIVE ASS'N. Shippensburg, Pa.							
Riggs Reliable Pig and Hog Meal (9999)	15.88	16.50	4.19	5.00	5.72	6.00	As Certified
CUSTEH'S FLOUR MILL, Milton, Pa.							
Custer's Pig Meal (9776)	19.00	18.00	4.38	3.50	5.15	5.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa.							
Diamond 40% Hog Supplement (9196)	42.25	40.00	4.81	5.00	8.29	8.00	As Certified
Diamond Hog Feed (9195)	18.88	17.00	4.12	4.00	7.33	8.00	As Certified
DIETHICH & GAMBRILL, INC. Frederick, Md.							
D. & G. Hog Feed Supplement (9865)	44.44	40.00	5.04	4.00	7.19	9.00	As Certified
D. & G. Hog Feed Supplement (9987)	43.88	40.00	6.58	4.00	5.58	9.00	As Certified
D. & G. Pig and Hog Meal (9982)	20.94	18.00	4.69	4.00	6.98	8.00	As Certified
Gambrill's Hog Meal (8973)	20.69	18.00	4.36	4.00	5.98	8.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
Hog Meal (10099)	16.63	15.00	3.88	3.50	5.36	5.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose Pig and Hog Meal (9306)	24.69	16.00	4.64	5.00	6.89	10.00	As Certified
Red Rose Pig and Hog Meal (9510)	20.44	16.00	4.68	5.00	5.87	10.00	As Certified
Red Rose Pig and Hog Meal (9935)	19.81	16.00	4.46	5.00	6.00	10.00	As Certified
J. I. ESHLEMAN & SON, St. Thomas, Pa.							
Sure Curl Pig Meal (9943)	20.88	18.00	4.02	4.00	6.90	9.00	As Certified
FARM BUREAU MILLING CO., INC. Chicago, Ill.							
Pork Maker 17% Protein (9277)	20.31	17.00	5.00	3.50	5.13	6.00	As Certified
Pork Maker 40% Protein (9397)	44.38	40.00	4.10	3.50	4.81	7.00	As Certified
FREYERMUTH MILLS, Fredonia, Pa.							
Penn State All-In-One Hog Feed (9541)	18.25	15.00	4.78	3.75	6.22	6.50	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Pig Meal (9292)	25.50	27.00	4.86	4.00	6.17	6.25	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Pioneer Pig and Hog Feed 20% (9754)	22.25	20.00	4.13	3.00	6.46	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-60

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guer.	Found	Guer.	Found	Guer.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE HERRMAN-McLEAN CO. Cleveland, Ohio							
Ohio 15% Hog Meal (9173)	17.06	15.00	4.00	5.00	9.75	8.00	As Certified
Ohio 15% Hog Meal (9877)	19.88	15.00	3.95	4.00	7.64	8.00	As Certified
HUBBAHD MILLING CO., Mankato, Minn. Hubbard's Sunshine Pig and Hog Feed (9532)	18.44	15.00	5.20	4.00	8.28	7.00	As Certified
HUNTSINGER'S MILLS, Hsgine, Pe. Quality Hog Feed (9928)	16.69	17.00	4.40	4.50	9.28	8.00	As Certified
F. W. HUTCHISON & CO., New Castle, Pa. Hutchison Pig Feed (9324)	19.50	18.00	5.01	4.50	8.13	10.00	As Certified
KASCO MILLS, INC., Weverly, N. Y. Kasco Pig-Hog Feed (9414)	17.50	17.00	4.38	4.00	8.15	8.00	As Certified
Kasco Pig-Hog Feed (9481)	17.19	17.00	4.66	4.50	7.78	7.50	As Certified
Oc-Sak Hog Feed (9413)	22.63	20.00	4.32	4.00	6.64	8.00	As Certified
Oc-Sak Hog Feed (9635)	20.69	20.00	4.29	4.00	7.93	8.00	As Certified
F. S. KEHN, Catawissa, Pa. Kernie's 16% Hog Feed (9922)	17.75	16.00	3.80	3.50	9.36	10.00	As Certified
Kernie's 32% Hog Supplement (9923)	30.19	32.00	5.99	4.00	6.27	9.00	Found in addition brewers dried grains.
KEYSTONE FEED & FARM PRODUCTS COHP. Connellsville, Pe. Keystone Pig and Hog Feed (9881)	19.06	15.00	4.07	3.00	4.64	11.00	As Certified
LAHLOWE MILLING CO., Detroit, Mich. Larro Hog Feed Concentrate (10094)	41.81	40.00	6.86	5.50	6.06	7.00	As Certified
Lerro Pig and Hog Builder (9146)	19.50	17.50	4.40	4.00	6.25	7.50	As Certified
Larro Pig and Hog Builder (9572)	19.94	17.50	4.45	4.00	7.05	7.50	As Certified
Lerro Pig and Hog Builder (10031)	19.75	17.50	4.46	4.00	5.87	7.50	As Certified
LEHMASTEK ELEVATOR CO., Lemastere, Pe. Parnell Hog Feed (9980)	16.94	16.00	2.89	3.00	4.22	6.50	As Certified
Parnell Pig Feed (9977)	17.50	15.00	3.61	3.50	4.33	6.50	As Certified
J. W. LINDEMUTH, McClure, Pa. Blue Band Hog Feed (9845)	21.00	19.00	3.29	6.00	7.76	6.00	As Certified
40% Hog Supplement (9844)	39.81	40.00	8.28	4.00	7.94	6.00	As Certified
H. H. LYSINGER & SON, Bedford, Pa. Lyeinger's Hog Meal (10071)	17.81	18.00	4.07	4.00	6.03	7.00	As Certified
MARION SUPPLY CO., Marion, Pa. Marion Hog Feed (9989)	16.00	14.00	3.91	3.00	4.63	5.50	As Certified
Marion Pig Meal (9990)	13.44	13.50	3.67	3.50	4.09	5.50	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind. Meester Mix 40% Hog Concentrate (9407)	41.88	40.00	6.00	3.50	6.09	8.00	As Certified
Meester Mix 40% Hog Concentrate (9914)	40.88	40.00	3.99	3.50	5.66	8.00	As Certified
Meester Mix 40% Hog Concentrate (10003)	39.56	40.00	5.02	3.50	6.25	8.00	As Certified
MEYEHINK MILLING CO., Clymer, N. Y. Clymer Hog Feed (9404)	15.88	14.00	5.32	3.50	5.45	6.00	As Certified
MIDLAND MILLING & SUPPLY CO. Midland, Pa. Burton Pig Grower containing Dr. Reese Hog Special (9707)	20.19	16.00	3.32	4.00	6.65	7.00	Found in addition brewers dried grains and malt sprouts.
THE MIFFLINSBURG FARMERS' EXCHANGE, INC. Mifflinburg, Pa. Farmers Pig and Hog Feed (9772)	20.44	17.50	3.68	3.70	6.63	8.00	As Certified
GEORGE Q. MOON & CO., INC. Singhamton, N. Y. Hog Feed (9615)	19.88	13.00	4.38	3.50	5.90	8.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa. Pe. State Farmers Hog Ration No. 1 (9094)	16.38	16.00	4.52	4.00	5.96	9.00	As Certified
Sunside Hog Ration Supplement (9084)	46.50	44.00	6.88	4.50	3.04	6.00	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa. Old Fort Pork Builder (10085)	17.75	14.00	4.08	4.00	6.29	8.50	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y. Go-Tu-It Pig and Hog Ration (9626)	17.69	15.00	3.13	3.00	7.82	8.00	As Certified
PRATT FOOD CO., Hammond, Ind. Prett's Sugared Hog Feed (9794)	18.69	16.00	3.50	4.00	10.31	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE QUAKER OATS CO., Chicago, Ill. Quaker Pig-N-Hog Feed (9227)	19.76	16.00	5.80	3.50	6.64	10.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Complete Sow and Pig Chow Ration (9631)	17.58	16.00	3.50	3.00	4.71	6.00	As Certified
Purina Hog Chow Supplement (9965)	38.13	36.00	5.04	3.00	9.38	14.00	As Certified
Purina Sow and Pig Chow Supplement (9972)	29.31	26.00	4.17	3.60	6.15	7.00	As Certified
THE RICHARDS MILLING CO. Cortland, Ohio							
Richard's Pig and Hog Meal (9150)	17.38	16.00	5.50	4.00	8.24	8.00	As Certified
Richard's Pig and Hog Meal (9331)	20.00	18.00	3.58	4.00	8.40	8.00	As Certified
J. S. RILEY & CO., New Castle, Pa. Pioneer Hog Feed (9318)	19.31	17.00	4.57	4.00	5.93	7.00	As Certified
ROUX FEED MILLS, Sharon, Pa. Roux Pig Meal (9338)	18.38	18.00	4.51	4.50	6.03	10.00	As Certified
W. O. SHANK, Waynesboro, Pa. Shank's Hog Feed (10001)	15.75	17.00	3.83	5.00	5.39	7.00	As Certified
THE SMITH MILLING CO., Mt. Union, Pa. Smith's Pig and Hog Meal (10078)	16.31	16.00	3.18	3.00	5.30	6.00	Found in addition ground barley.
JESSE C. STEWART CO., Pittsburgh, Pa. Iron City Hog Feed (9165)	19.38	17.50	4.45	4.00	6.55	7.00	As Certified
Iron City Hog Feed (9671)	18.19	17.50	5.05	4.00	7.33	7.00	As Certified
Iron City Hog Feed (9878)	18.81	17.50	4.73	4.00	6.84	7.00	As Certified
Red Letter 40% Hog Supplement (9117)	40.38	40.00	4.77	4.50	4.97	8.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pa. Templeton's Hog Feed (9666)	19.75	18.00	3.36	3.75	5.81	5.50	As Certified
W. B. THOMPSON & SON, Waynesboro, Pa. Thompson's Pig and Hog Meal (9974)	15.75	15.00	3.88	4.00	10.10	11.50	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Ti-O-Ga Growing Shout Feed (8995)	21.06	17.00	4.22	3.50	6.80	9.00	As Certified
THE UBIKO MILLING CO. Cincinnati, Ohio							
Pig and Sow Ration (9034)	18.88	16.00	4.71	4.00	7.73	7.00	As Certified
Pig and Sow Ration (9299)	17.75	16.00	5.66	4.00	6.60	7.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio Purity Pig and Hog Meal (9253)	13.69	14.00	3.36	4.00	4.73	8.00	As Certified
VANDERVORT MILLS, Laceyville, Pa. Vandervort's Hog Ration (8982)	18.44	20.00	4.24	4.50	5.17	7.00	As Certified
Vandervort's Hog Ration (9013)	20.69	20.00	4.57	4.50	5.45	7.00	As Certified
VEACH COMPANY, New Castle, Pa. Veach Pig Feed (9319)	21.44	16.00	4.15	4.00	5.16	7.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Hog Grower and Fattener (9377)	16.06	15.00	3.90	3.50	4.94	7.00	As Certified
Vitality Hog Grower and Fattener (9474)	17.44	15.00	4.01	3.50	5.38	7.00	As Certified
C. Y. WAGNER & CO., INC. Bellefonte, Pa. Wagner's Pig Meal (9468)	20.38	18.00	5.20	4.00	5.20	8.00	As Certified
R. A. WESTERMAN, Sarver, Pa. Home Mix Hog Feed (9565)	17.94	16.00	4.59	4.00	7.99	8.00	As Certified
WEST SUNBURY MILLING CO. West Sunbury, Pa. Hog Feed (9438)	21.19	16.00	4.41	3.50	8.19	6.00	As Certified
CRAWFORD M. WOODS CO., Corry, Pa. Old Reliable Pig and Hog Meal (9592)	16.00	15.00	3.65	3.50	5.79	6.00	As Certified
Average	22.67	-----	4.43	-----	6.48	-----	
<u>PROPRIETARY CHOP FEED</u>							
<u>Corn and Oats Chop</u>							
ACME-EVANS CO., Indianapolis, Ind. Corn and Oats Chop (9720)	11.00	10.00	3.67	4.00	5.02	5.00	As Certified
ALLIED MILLS, INC., Chicago, Ill. Pure Corn and Oats Chop (9685)	11.00	9.00	3.63	3.50	5.00	10.00	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill. Pure Corn and Oats Chop Coarse (9217)	10.21	10.00	3.86	3.50	7.08	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BOARDMAN BROS., Pittsfield, Pa. Pure Corn and Oats Chop (9367)	10.75	10.00	4.55	4.00	7.13	6.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa. Red Rose Ground Corn and Oats (10073)	12.69	10.00	4.61	4.00	6.18	9.00	As Certified
FARM BUREAU MILLING CO., INC. Chicago, Ill. Corn and Oats Ground Half and Ralf (9273)	11.00	10.00	3.96	4.00	5.75	8.00	As Certified
FARMERS COOPERATIVE ASSOCIATION Wyeox, Pa. Corn and Oats Chop (9861)	10.00	10.00	3.87	3.95	7.76	6.00	As Certified
FREYERMUTH MILLS, Fredonia, Pa. Pure Corn and Oats Chop (9547)	10.88	10.00	3.82	4.50	6.50	9.00	As Certified
HUBBARD MILLING CO., Mankato, Minn. Hubbard's Sunshine Corn and Oats Chop (9531)	12.94	10.00	4.15	5.00	6.87	7.50	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pa. Corn and Oats Chop (9559)	9.31	10.00	2.45	4.00	13.05	7.00	As Certified
J. W. LINDEMUTH, McClure, Pa. Corn and Oats Chop (9846)	12.44	-----	4.08	----	6.95	----	As Certified
MIDLAND MILLING & SUPPLY CO. Midland, Pa. Pure Corn and Oats Chop (9711)	10.13	10.00	3.30	4.00	6.80	6.00	As Certified
NORTH EAST COOPERATIVE G.L.F. SERVICE INC., North East, Pa. Corn and Oats Ground Half and Half (9357)	10.63	10.00	3.83	4.00	6.51	8.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa. Pure Corn and Oats Chop (9071)	11.94	9.00	4.00	3.00	8.13	10.00	As Certified
Pure Corn and Oats Chop (9235)	10.19	9.00	3.90	3.00	8.40	10.00	As Certified
REECE & GREENLY CO., Millville, Pa. Pure Corn and Oats Chop (9825)	10.63	10.00	3.79	4.00	6.08	6.00	As Certified
THE RICHARDS MILLING CO. Cortland, Ohio Pure Corn and Oats Chop (9148)	10.38	10.00	4.36	4.50	7.32	10.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio Corn and Oats Chop (9262)	10.31	10.00	3.50	4.00	7.22	9.00	As Certified
Average	10.94	-----	3.85	----	7.09	----	
<u>Chop Feed</u>							
R. S. ALTMAN, Irwin, Pa. Altman's Special Chop (9126)	9.81	9.00	3.53	4.00	7.63	10.00	As Certified
Altman's Special Chop (9751)	13.00	9.00	2.97	4.00	6.24	10.00	As Certified
Altman's Special Chop (10025)	11.94	9.00	3.54	4.00	6.17	10.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond Chop Feed (9205)	11.06	9.00	3.06	2.50	11.35	11.00	As Certified
MIFFLINEBURG FARMERS' EXCHANGE, INC. Mifflinburg, Pa. Farmers Sugared Chop Feed (9768)	10.44	9.50	2.65	3.50	5.65	10.00	As Certified
THE RICHARDS MILLING CO. Cortland, Ohio Richard's Special Chop (9038)	9.44	8.00	3.17	3.00	9.48	12.00	As Certified
Richard's Special Chop (9644)	8.75	8.00	4.02	3.00	9.87	12.00	As Certified
Richard's Special Chop (9888)	11.50	8.00	4.38	3.00	10.22	12.00	As Certified
Richard's Sweet Special Chop (9171)	8.31	8.00	2.93	3.00	7.97	12.00	As Certified
ROUX FEED MILLS, Sharon, Pa. Roux Chop (9337)	26.56	10.00	3.35	3.00	11.20	12.00	As Certified
Average	12.08	-----	3.36	----	8.57	-----	
<u>PROPRIETARY POULTRY SCRATCH AND MASR FEED</u>							
<u>Scratch Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. Wayne Pigeon Feed (10066)	14.13	12.00	2.48	2.00	3.75	5.00	As Certified
Wayne Scratch Feed (10067)	10.94	10.00	2.68	2.50	2.05	4.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Medium Scratch Feed (9067)	9.69	9.00	3.19	2.00	2.16	3.00	As Certified
Altman's Scratch Feed (9068)	9.06	9.00	2.63	2.00	2.23	3.00	As Certified
Altman's Scratch Feed (10029)	10.63	9.00	3.41	2.00	2.22	3.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ARCADY FARMS MILLING CO. Chicago, Ill. Arcady Besbet Scratch Graine (910B)	9.94	10.00	2.50	2.50	2.66	5.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Our Quality Mixed Crains (9433)	10.25	9.00	2.28	2.00	2.80	5.00	As Certified
THE G. E. CONKEY CO., Cleveland, Ohio Conkey's Chick Craine (9049)	11.88	10.00	2.55	2.00	2.37	2.50	As Certified
Conkey's Growing Graine (9046)	10.75	10.00	3.73	2.50	2.13	3.00	As Certified
Superior Scratch Crains (904B)	9.25	9.00	2.56	2.00	3.39	3.50	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Brighton Scratch Feed (9207)	10.00	10.00	2.50	2.50	2.91	5.00	As Certified
Diamond Scratch Feed (9206)	10.38	10.00	2.67	2.50	2.39	5.00	As Certified
ALBERT DICKINSON CO., Chicago, Ill. Dickinson's Globe Breeding Feed (9040)	17.69	16.00	2.20	2.50	3.77	5.00	As Certified
Dickinson's Globe Flying Feed (9023)	15.50	14.00	3.27	2.50	3.76	5.00	As Certified
Dickinson's Globe Utility Feed (9041)	16.31	14.00	2.48	3.50	3.08	5.00	As Certified
FARM BUREAU MILLING CO., INC. Chicago, Ill. Chick Scratch Craine (93B9)	11.06	9.00	1.88	2.00	1.48	3.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y. Daily Growth Developing Feed (9291)	10.19	10.00	3.18	2.50	1.70	4.00	As Certified
Daily Growth Fine Chick Feed (9290)	11.75	10.00	3.17	3.00	1.61	5.00	As Certified
HALES & HUNTER GO., Chicago, Ill. Morning Clory Scratch Feed (9757)	10.94	10.00	2.73	2.50	2.40	5.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Kasco Chick Grains (9408)	12.75	10.00	2.55	2.50	2.12	4.00	As Certified
J. J. KENNEDY & SONS, Zellenople, Pa. Kennedy's Scratch Grains (932B)	10.94	10.00	2.17	2.50	2.07	5.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Larro Scratch Grains (9056)	10.31	10.00	2.38	2.00	2.74	4.00	As Certified
F. H. LYSINCER & SON, Bedford, Pa. Mixed Crains for Poultry (10070)	10.88	8.00	2.56	2.00	2.74	5.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa. Sunside Chick Crains (9099)	10.00	10.00	3.02	2.50	4.66	7.00	As Certified
Sunside Growing Graine (9073)	9.81	10.00	2.69	2.50	2.16	4.00	As Certified
Sunside Scratch Craine (909B)	9.38	10.00	2.60	2.00	3.00	7.00	As Certified
PETERSBURG MILLING CO., Bessemer, Pa. Pemico Scratch Feed (9355)	11.25	10.00	2.50	3.00	3.35	8.00	As Certified
PRATT FOOD CO., Hammond, Ind. Utility Scratch Feed (9609)	12.19	10.00	3.01	2.00	2.59	4.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Protena Scratch Feed (10076)	10.38	9.00	2.13	2.00	2.34	4.00	As Certified
Purina Pigeon Chow (924B)	16.00	13.50	2.55	2.00	3.13	4.00	As Certified
THE RICHARDS MILLING CO. Gortland, Ohio Cortland Scratch Crains (9039)	9.50	9.00	3.35	2.50	2.67	5.00	As Certified
J. S. RILEY & CO., New Castle, Pa. Pioneer Scratch Feed (9317)	10.13	10.00	2.31	3.00	2.72	4.00	As Certified
JESSE G. STEWART CO., Pittsburgh, Pa. Red Letter Chick Feed (9113)	10.38	10.00	5.00	2.50	2.28	6.00	As Certified
THE UBIKO MILLING CO. Gincinnati, Ohio Chick Feed (9037)	10.88	9.00	2.40	2.50	1.58	3.50	As Certified
Clendale Scratch Feed (No Grit) (9027)	10.00	9.00	3.09	3.00	2.13	5.00	As Certified
Intermediate Scratch Feed (9031)	9.50	9.00	2.66	2.50	2.11	3.50	As Certified
Scratch Feed (9026)	10.06	9.00	3.19	3.00	2.01	5.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio Purity Chick Crains (9250)	10.75	10.00	2.86	2.50	1.42	4.00	As Certified
Purity Intermediate Crains (9249)	10.06	10.00	3.73	2.50	2.01	4.00	As Certified
Average	11.17	-----	2.79	-----	2.53	-----	
<u>Mash Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. Amco Super Egg and Breeder Mash with Fortified Sardine Oil (9575)	21.31	20.00	5.10	3.50	6.33	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Amco Super Egg and Breeder Mash with Fortified Sardine Oil (9853)	22.75	20.00	4.79	3.50	6.72	8.00	As Certified
Amco Super Egg and Breeder Mash with Fortified Sardine Oil (9963)	22.50	20.00	4.86	3.50	6.60	8.00	As Certified
Amco Super Starting and Growing Mash with Fortified Sardine Oil (9579)	21.75	17.00	5.27	3.50	5.88	7.00	As Certified
Amco Super Starting and Growing Mash with Fortified Sardine Oil (9852)	20.38	17.00	4.59	3.50	5.45	7.00	As Certified
Amco Tip Top Growing Mash with Fortified Sardine Oil (9680)	20.75	16.00	5.01	3.50	6.80	7.00	As Certified
Amco Tip Top Mash (9574)	21.44	18.00	5.26	3.50	6.96	8.00	As Certified
Amco Tip Top Mash (9819)	19.81	18.00	3.70	3.60	7.97	8.00	As Certified
Amco Tip Top Mash (9854)	20.56	18.00	6.09	3.50	7.09	8.00	As Certified
Amco Tip Top Mash (9950)	20.81	18.00	5.05	3.50	7.30	8.00	As Certified
Amco Tip Top Mash (9960)	20.13	18.00	5.13	3.50	7.16	8.00	As Certified
Amco Turkey Growing Mash with Fortified Sardine Oil (9958)	23.89	20.00	5.25	3.50	6.50	8.00	As Certified
Ideal Egg Mash with Fortified Sardine Oil (9864)	19.69	18.00	4.48	3.50	5.40	10.00	As Certified
Ideal Mash Concentrate (9961)	35.13	32.00	4.41	3.50	6.65	8.00	As Certified
Red Feather Egg Mash with Fortified Sardine Oil (9366)	19.13	18.00	4.50	3.50	6.39	8.00	As Certified
Topper Egg Mash with Fortified Sardine Oil (9264)	21.00	18.00	4.69	3.50	5.93	10.00	As Certified
Wayns Chick Mash Concentrate with Sardine Oil (9269)	32.13	28.00	5.07	3.50	6.35	8.00	As Certified
Wayne Chick Starter (9271)	18.38	17.00	4.60	4.00	6.00	7.00	As Certified
Wayne Egg and Breeder Mash with Fortified Sardine Oil (9266)	21.44	20.00	4.46	3.50	7.13	8.00	As Certified
Wayne Egg and Breeder Mash with Fortified Sardine Oil (10064)	23.63	20.00	5.19	3.50	6.84	8.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (9265)	17.06	16.00	4.55	3.50	6.50	7.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (9455)	16.50	16.00	4.60	3.50	6.23	7.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (10065)	17.44	16.00	4.58	3.50	6.26	7.00	As Certified
Wayne Poultry Fattener (9268)	15.00	13.50	3.64	3.50	7.70	8.00	As Certified
Wayne Turkey Starting Mash (9123)	26.31	25.00	4.57	4.00	5.63	8.00	As Certified
Wayne Turkey Starting Mash (9263)	26.19	25.00	5.77	4.00	6.11	8.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's Buttermilk Starting Mash (9060)	19.06	17.00	4.37	4.00	6.41	8.00	As Certified
Altman's Buttermilk Starting Mash (9141)	18.75	17.00	4.18	4.00	6.50	8.00	As Certified
Altman's Buttermilk Starting Mash (9740)	19.75	17.00	3.55	4.00	7.23	8.00	As Certified
Altman's Quality Egg Mash (8974)	21.25	20.00	3.97	4.00	6.85	9.00	As Certified
Altman's Quality Egg Mash (9655)	23.25	20.00	4.35	4.00	6.34	9.00	As Certified
Altman's Quality Egg Mash (9743)	21.69	20.00	3.29	4.00	6.63	9.00	As Certified
Altman's Quality Egg Mash (9839)	22.06	20.00	4.01	4.00	8.10	9.00	As Certified
Altman's Quality Egg Mash (9870)	22.50	20.00	4.16	4.00	6.82	9.00	As Certified
Altman's Quality Egg Mash (10016)	22.88	20.00	4.70	4.00	6.54	9.00	Linseed oil meal not detected.
Altman's Super A Buttermilk Growing Mash (8977)	20.19	17.00	4.53	4.00	7.52	9.00	Found in addition small amount ground grain screenings.
Altman's Super A Buttermilk Growing Mash (9748)	21.19	17.00	4.01	4.00	6.33	9.00	As Certified
Altman's Super A Egg Mash (8976)	26.50	24.00	5.41	4.50	6.00	8.00	Linseed oil meal not detected. Found in addition small amount ground grain screenings.
Altman's Super A Egg Mash (9138)	26.31	24.00	4.32	4.50	5.27	8.00	As Certified
Altman's Super A Egg Mash (9656)	27.19	24.00	4.66	4.50	5.52	8.00	As Certified
Altman's Super A Egg Mash (9886)	25.81	24.00	4.50	4.50	4.89	8.00	As Certified
Altman's Super A Egg Mash (10017)	25.81	24.00	4.56	4.50	5.86	8.00	Linseed oil meal not detected.
Altman's Super A Irwin Egg Mash (9066)	23.44	18.00	4.02	4.00	6.95	9.00	As Certified
Altman's Super A Irwin Egg Mash (9127)	21.69	18.00	4.33	4.00	7.45	9.00	As Certified
Altman's Super A Irwin Egg Mash (9737)	22.44	18.00	4.01	4.00	7.57	9.00	As Certified
Altman's Super A Irwin Egg Mash (9840)	20.63	18.00	4.24	4.00	8.31	9.00	As Certified
Altman's Super A Yeast Egg Mash (9128)	26.00	24.00	4.52	4.50	6.13	8.00	As Certified
Altman's Super A Yeast Egg Mash (9657)	26.44	24.00	4.89	4.50	5.98	8.00	As Certified
Altman's Super A Yeast Egg Mash (9742)	26.63	24.00	5.85	4.50	5.64	8.00	As Certified
Altman's Super A Yeast Egg Mash (9838)	25.75	24.00	4.64	4.50	6.11	8.00	As Certified
Altman's Super A Yeast Egg Mash (10018)	26.50	24.00	4.71	4.50	5.77	8.00	Linseed oil meal not detected.
Altman's Super A Yeast Starter and Broiler (9059)	21.06	19.00	4.68	4.00	6.61	9.00	As Certified
Altman's Super A Yeast Starter and Broiler (9747)	21.66	19.00	4.10	4.00	5.83	8.00	As Certified
Altman's Turkey Starter (9741)	25.38	25.00	4.07	4.00	6.35	9.00	As Certified
Altman's Yeast Growing Mash (9062)	21.75	17.00	4.19	4.00	7.21	9.00	As Certified
Altman's Yeast Growing Mash (9748)	20.81	17.00	4.01	4.00	5.99	9.00	As Certified
Altman's Yeast Starter and Broiler Ration (9135)	20.31	19.00	3.84	4.00	6.87	8.00	As Certified
Altman's Yeast Starter and Broiler Ration (9660)	21.31	19.00	4.36	4.00	6.20	8.00	As Certified
Altman's Yeast Turkey Developer (10020)	22.75	21.00	4.62	4.50	5.91	7.00	Linseed oil meal not detected.
Altman's Yeast Turkey Starter (9739)	25.50	25.00	3.62	4.00	6.26	7.00	Found in addition barley.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. O. ANDREWS & SONS Mapleton Depot, Pa. Mor-Egg Laying Mash (10082)	19.88	19.00	4.16	4.00	6.44	9.00	As Certified
Triple A Vitamized Laying Mash (10081)	16.63	20.00	4.37	4.00	4.46	7.00	As Certified
ARCADY FARMS MILLING CO. Chicago, Ill. Seshet 16% Egg Mash (9109)	18.50	16.00	4.34	4.00	7.66	9.00	As Certified
Seshet 16% Egg Mash (9216)	18.00	16.00	4.56	4.00	7.21	9.00	As Certified
Sunkist Egg Mash (9218)	19.44	20.00	4.42	4.00	8.14	8.00	As Certified
A. J. BALSHI, Catawissa, Pa. Balshi's Quality Turkey Grower (9920)	21.13	20.00	4.67	4.00	6.46	6.00	As Certified
Must Lay Egg Mash (9921)	20.88	19.00	5.14	3.60	5.71	8.00	As Certified
BANNER FLOUR MILLS, Fairchance, Pa. Banner 20% Egg Mash (9883)	20.94	20.00	4.79	4.00	6.13	7.50	As Certified
Banner Turkey Grower (9882)	19.25	20.00	4.62	4.00	6.75	6.00	As Certified
THE SEACON MILLING CO., INC. Cayuga, N. Y. Beacon "22" Egg Mash with Buttermilk (10041)	24.00	22.00	6.12	4.50	5.85	7.50	As Certified
BLANK & GOTTSCHALL CO., INC. Sunbury, Pa. Banner 18% Laying Mash (9490)	20.38	18.00	4.71	3.00	9.97	12.00	As Certified
Banner 20% Laying Mash (9505)	22.81	20.00	4.71	3.00	9.25	12.00	As Certified
B. & G. All Mash Starter and Grower (9502)	19.31	17.00	4.87	4.00	4.41	7.00	As Certified
B. & G. Chick Starter Mash (9491)	19.94	16.00	5.16	3.50	6.66	7.00	As Certified
B. & G. Concentrate (9486)	35.94	32.00	5.32	4.00	7.00	8.00	As Certified
B. & G. Growing Mash (9488)	20.63	18.00	5.41	4.00	7.80	7.00	As Certified
B. & G. 20% Lay-Mor Mash (9487)	21.25	20.00	6.40	4.00	8.00	7.00	As Certified
B. & G. Poultry Conditioner (9500)	21.69	20.00	5.68	3.00	5.63	6.00	As Certified
B. & G. Poultry Fattening Mash (9484)	14.19	13.00	4.51	3.00	5.85	5.00	As Certified
BOARDMAN BROS., Pittsfield, Pa. Laying Mash (9364)	19.56	-----	5.28	-----	6.50	-----	As Certified
Starting Mash (9365)	16.75	-----	5.01	-----	7.95	-----	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Full Value Laying Mash (9423)	18.88	20.00	4.50	4.00	7.29	8.00	As Certified
Our Quality Growing Mash containing Semi Solid Buttermilk and Cane Molasses (9429)	19.06	15.00	2.36	5.00	7.21	6.00	As Certified
Our Quality Laying Mash (9424)	20.69	20.00	5.00	4.00	6.94	7.00	As Certified
Our Quality Starting Mash (9428)	19.50	18.00	5.00	5.00	6.57	6.00	As Certified
THE BUCKEYE CEREAL CO. Masonville, Ohio Buckeye Growing and Developing Mash (9811)	17.44	16.00	4.25	3.50	7.22	7.00	As Certified
Buckeye Laying and Breeders Mash (9808)	18.50	20.00	4.88	3.00	7.91	8.00	As Certified
32% Buckeye Mash Concentrate (9759)	34.19	32.00	5.58	3.50	7.67	8.00	As Certified
Buckeye Starting and Growing Mash (9806)	20.00	18.00	4.95	3.50	5.72	6.00	As Certified
Gold Standard Laying Mash (9810)	18.44	18.00	5.00	2.50	6.38	8.60	As Certified
Prosperity Laying Mash (9809)	19.56	18.00	4.80	2.50	7.92	8.00	As Certified
Prosperity Starting and Growing Mash (9807)	19.38	16.00	4.99	3.50	7.30	7.50	As Certified
CANONSBURG MILLING CO. Canonsburg, Pa. C.M.C. Egg Mash (9647)	19.75	19.00	4.63	3.00	7.38	8.00	As Certified
C.M.C. Fattening Mash (9645)	16.69	16.00	4.80	5.00	4.91	5.00	As Certified
C.M.C. Growing Mash (9649)	21.06	20.00	4.54	4.00	4.80	5.00	As Certified
C.M.C. Starting Mash (9646)	19.00	18.00	4.30	5.00	6.93	6.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Broiler Mash (9785)	20.63	17.00	4.13	4.00	7.05	6.00	As Certified
Clark's Chick Starter with Fortified Cod Liver Oil and Wheat Germ Oil (9787)	18.31	17.00	4.02	4.00	5.17	6.00	As Certified
Clark's Turkey Grower (9788)	22.94	20.00	3.67	4.00	7.22	8.00	As Certified
THE G. E. CONKEY CO., Cleveland, Ohio Conkey's Y-O (Brand) Egg Mash (9047)	22.81	20.00	5.14	4.00	5.80	8.00	As Certified
Conkey's Y-O (Brand) Gecco Egg Mash (9053)	21.69	20.00	5.00	4.00	6.95	7.00	As Certified
Conkey's Y-O (Brand) Growing Mash (9022)	19.06	18.00	5.10	4.00	6.50	7.00	As Certified
Conkey's Y-O (Brand) (The Original) Starting Feed (9021)	19.69	18.00	5.65	4.00	8.34	7.00	As Certified
COOLEY MILLING CO., Centerville, Pa. Egg Mash (9368)	21.31	-----	4.57	-----	7.00	-----	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y. Flushing Mash (10060)	19.88	17.50	3.74	3.00	3.80	5.00	As Certified
Laying Mash (9363)	21.69	20.00	5.45	4.00	6.00	7.00	As Certified
Laying Mash (10058)	21.06	20.00	5.12	4.00	6.28	7.00	As Certified
Starting and Growing Mash (9003)	21.25	17.50	4.29	4.00	5.67	6.50	As Certified
Starting and Growing Mash (9368)	21.44	17.50	4.61	4.00	5.40	6.50	As Certified
Starting and Growing Mash (10069)	21.69	17.50	4.68	4.00	5.70	6.60	As Certified
Super Laying and Breeding Mash (9361)	22.75	19.50	4.73	4.00	6.45	7.00	As Certified
Super Laying and Breeding Mash (10054)	22.06	19.50	4.96	4.00	6.92	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Supar Laying Mash (9002)	21.94	19.50	4.79	4.00	5.31	7.00	As Certified
Super Laying Mash (9359)	20.81	19.50	4.50	4.00	5.22	7.00	As Certified
Super Laying Mash (10055)	21.94	19.50	5.27	4.00	4.68	7.00	As Certified
Thrifty Mash (9830)	23.31	20.00	4.25	4.00	5.03	7.00	As Certified
Turkey Growing Mash (10057)	21.38	20.00	4.03	4.00	5.86	7.00	As Certified
CUMBERLAND VALLEY COOPERATIVE ASS'N. Shippensburg, Pa.							
Cee Vee Laying Mash (9995)	18.06	19.00	4.38	4.50	8.41	5.00	As Certified
Old Reliable Vitamin Fresh Egg Mash (9996)	19.19	18.00	4.81	4.00	6.06	6.50	As Certified
CUSTER'S FLOUR MILL, Milton, Pa.							
Custer's Egg Mash (9775)	17.50	18.00	4.06	4.00	6.90	8.00	As Certified
Custer's Growing Mash (9774)	17.38	14.00	4.64	3.50	5.07	5.00	Found in addition wheat bran.
Custer's Starting Mash (9773)	16.81	14.00	4.32	3.50	5.72	5.00	Found in addition corn gluten feed and wheat bran.
DANVILLE MILLING CO., Danville, Pa.							
Danville Laying Mash (9817)	18.25	17.00	4.39	5.00	6.80	7.00	As Certified
DELAWARE MILLS, INC., Deposit, N. Y.							
Delaware All Mash Chick Starter (9621)	17.06	17.00	5.00	4.00	5.22	6.00	As Certified
Delaware Milk Flushing Mash with Cod Liver Oil (9618)	19.38	17.00	3.28	3.50	3.93	6.00	As Certified
Delaware Special Growing Mash with Cod Liver Oil and Dried Skim Milk (9622)	17.94	15.00	4.27	4.50	5.73	7.00	As Certified
Delaware Special Laying Mash with Cod Liver Oil and Dried Skim Milk (9623)	17.81	18.00	4.26	4.50	6.49	8.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa.							
Brighton Laying Mash (9202)	21.19	18.00	4.67	4.00	6.36	6.50	As Certified
Diamond Battery Broiler Ration (9189)	18.69	17.00	5.10	5.00	7.05	6.00	As Certified
Diamond Fattening Mash (9192)	15.00	13.00	3.85	4.50	4.58	6.00	As Certified
Diamond Growing Mash (9200)	19.56	18.00	4.84	4.00	7.32	6.50	As Certified
Diamond Laying Mash (9199)	22.81	20.00	4.85	4.00	6.65	6.50	As Certified
Diamond Starting Mash (9204)	19.56	17.00	4.88	5.00	5.96	6.00	As Certified
FRED DIEFENDERFER & SON Sharpsville, Pa.							
Diefenderfer's Chick Growing Mash (9350)	16.75	16.50	4.00	4.00	6.88	6.50	As Certified
Diefenderfer's Chick Starting Mash (9347)	17.50	17.50	4.00	4.00	4.58	6.00	As Certified
Diefenderfer's 20% Egg Mash (9348)	21.69	20.00	4.45	4.00	5.77	6.50	As Certified
DIETRICH & GAMBRILL, INC. Frederick, Md.							
All Mash Starter and Grower (8963)	17.63	14.00	4.27	4.00	4.30	4.00	As Certified
All Purpose Complete Ration (Starter-Grower-Layer) (8962)	17.06	15.00	4.53	4.50	5.82	6.00	As Certified
All Purpose Complete Ration (Starter-Grower-Layer) (8963)	18.00	15.00	4.04	4.00	5.75	7.00	As Certified
Canton Laying Mash (8964)	24.81	20.00	4.34	4.00	5.98	8.00	As Certified
D. & G. All Mash Turkey Starter (8965)	25.56	24.00	4.82	4.50	5.02	7.00	As Certified
D. & G. Grower Mash (8960)	18.19	18.00	4.47	4.00	5.88	7.00	As Certified
Gambrill's Chick Starter (8957)	19.13	16.00	4.30	4.00	4.12	4.50	As Certified
Gambrill's Growing Mash (8961)	19.69	18.00	4.62	4.00	4.94	7.00	As Certified
Gambrill's Growing Mash (9988)	19.88	18.00	4.64	4.00	5.64	7.00	As Certified
Gambrill's Laying Mash (8958)	21.25	20.00	5.26	5.00	6.78	7.00	As Certified
Poultry Conditioning Ration (8959)	16.88	15.00	6.36	6.00	3.79	6.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
All-Mash Egg (10097)	17.63	15.50	4.75	4.00	5.30	5.50	As Certified
Breeder Mash (9456)	22.63	20.00	5.01	4.00	6.08	6.00	As Certified
Breeder Mash (10096)	22.31	20.00	5.37	4.00	5.98	6.00	As Certified
Breeder Mash - Pellete (9459)	22.50	20.00	5.01	4.00	6.29	6.00	As Certified
Developer (9458)	21.75	18.50	4.32	3.75	6.57	6.50	As Certified
Developer (10101)	20.00	18.50	4.33	3.75	6.02	6.50	As Certified
Egg Mash (9457)	20.88	20.00	5.00	4.00	5.93	6.50	As Certified
Flushing Pellets (10100)	21.94	18.50	4.01	3.00	4.25	4.50	As Certified
JOHN W. ESPELMAN & SONS Lancaster, Pa.							
Maintenance 20% Laying Mash with Cod Liver Oil (9302)	22.13	20.00	4.57	4.50	5.66	8.00	As Certified
Pennsy Laying Mash with Cod Liver Oil (9301)	19.50	18.00	4.40	4.50	6.33	8.00	As Certified
Pennsy Laying Mash with Cod Liver Oil (9627)	20.69	18.00	4.84	4.50	7.27	8.00	As Certified
Red Rose All-Mash Starter with Cod Liver Oil (9509)	20.19	16.00	4.70	4.00	7.12	6.50	As Certified
Red Rose Chick Starter with Cod Liver Oil (9629)	20.31	17.50	4.40	4.00	5.55	6.00	As Certified
Red Rose Growing Mash with Cod Liver Oil (9628)	21.00	16.00	5.01	4.00	7.45	7.50	As Certified
Red Rose Growing Mash with Cod Liver Oil (10072)	18.88	16.00	4.87	4.00	6.86	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-1-40

10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Red Rose Laying Mash (9507)	22.31	20.00	5.00	5.00	6.81	7.50	As Certified
Red Rose Laying Mash (9869)	22.06	20.00	5.26	5.00	6.39	7.50	As Certified
Red Rose Laying Mash with Cod Liver Oil (9300)	21.75	20.00	4.53	5.00	5.93	7.50	As Certified
Red Rose Laying Mash with Cod Liver Oil (9508)	22.75	20.00	5.11	5.00	7.95	7.50	As Certified
Red Rose Laying Mash with Cod Liver Oil (9625)	22.81	20.00	5.01	5.00	7.00	7.50	As Certified
J. I. ESHLEMAN & SON, St. Thomas, Pa.							
E.L.M. Chick Starter and Grower (9942)	18.88	16.00	4.89	4.00	7.48	7.00	As Certified
E.L.M. Egg Mash (9940)	19.19	18.00	4.84	4.00	7.75	7.50	As Certified
E.L.M. Special Egg Mash (9941)	21.19	20.00	4.76	4.00	7.44	7.00	As Certified
E.L.M. Turkey Grower (9948)	20.50	20.00	4.63	4.00	6.26	6.00	As Certified
E.L.M. Turkey Starter (9947)	25.69	24.00	5.70	4.00	5.88	5.50	As Certified
FARM BUREAU MILLING CO., Chicago, Ill.							
Economy Laying Mash (9451)	22.00	20.00	5.00	4.00	5.94	7.00	As Certified
Laying Mash (9398)	21.38	20.00	4.64	4.00	6.50	7.00	As Certified
Mermash 16% Protein (9274)	17.69	16.00	4.55	3.50	5.71	6.00	As Certified
Mermash 16% Protein (9393)	17.75	16.00	5.34	3.50	6.12	6.00	As Certified
Mermash 16% Protein (9452)	18.94	16.00	5.19	3.50	5.93	6.00	As Certified
Starting and Growing Mash (9275)	20.00	17.50	4.55	4.00	5.56	6.50	As Certified
Starting and Growing Mash (9391)	20.63	17.50	4.30	4.00	5.75	6.50	As Certified
Turkey Starting Mash (9396)	26.25	24.00	4.45	4.00	5.83	7.00	As Certified
FLORY MILLING CO., INC., Bangor, Pa.							
Golden Egg Laying Mash (10043)	20.81	20.00	4.88	4.00	7.03	7.00	As Certified
FRANKLIN MILLING CO., Middleburg, Pa.							
Franklin Laying Mash (9860)	18.38	19.00	4.57	5.00	7.34	8.00	As Certified
PREYERMUTH MILLS, Fredonia, Pa.							
Economy Egg Mash (9542)	22.69	20.00	4.01	4.00	6.99	8.00	As Certified
Improved Penn State Starting Mash (9543)	20.31	17.00	4.56	4.00	5.50	6.50	As Certified
Master Egg Mash (9549)	23.56	18.00	4.17	4.00	5.70	6.00	As Certified
Master Growing Mash (9544)	18.25	16.00	4.13	4.00	5.41	6.00	As Certified
Penn State Growing Mash (9545)	20.94	16.00	4.61	3.75	5.88	6.50	As Certified
Penn State 20% Laying Mash (9546)	23.56	20.00	4.70	4.00	6.16	7.50	As Certified
32% Penn State Mixing Ration (9550)	33.56	32.00	3.26	4.00	6.66	9.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Egg Laying Mash Feed (9285)	20.69	20.00	4.50	4.00	7.00	6.50	As Certified
Daily Egg Laying Mash Feed (9552)	22.00	20.00	4.50	4.00	4.77	6.50	As Certified
Daily Egg Laying Mash Feed (9732)	20.31	20.00	4.17	4.00	5.45	6.50	As Certified
Daily Growth Chick Starter (9554)	16.88	16.50	4.70	4.50	5.20	4.50	As Certified
Daily Growth Growing Mash (9557)	20.31	17.50	4.30	4.00	5.61	6.50	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Red Comb Egg Mash (9753)	18.81	18.00	4.03	4.00	6.42	7.00	As Certified
HANEY-FRAZIER MILLING CO. Danville, Pa.							
Hen-O-La Mash Food (9784)	17.56	18.00	4.24	3.00	7.30	8.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa.							
Chicken Dinner Buttermilk Laying Mash (9161)	19.50	18.00	4.62	4.00	7.35	7.00	As Certified
Exchange Egg Mash (9162)	20.19	18.00	4.78	4.00	7.10	9.00	As Certified
WILLIAM HAYS, Monongahela, Pa.							
Moreeggs Laying Mash (9177)	20.13	20.00	3.73	4.00	6.98	7.00	As Certified
EUGENE HELWIG & BROTHER Catawissa, Pa.							
Helwig's Blue Ribbon Egg Mash (9910)	19.19	18.00	4.89	4.00	6.13	6.00	As Certified
Helwig's Blue Ribbon Growing Mash (9927)	17.75	16.00	4.45	4.00	6.88	6.00	As Certified
THE HERRMAN McLEAN CO. Cleveland, Ohio							
Ohio Egg Mash (9872)	20.69	20.00	3.88	4.00	8.39	8.00	As Certified
J. F. HOGSETT & SONS, Uniontown, Pa.							
Hogsett's Laying Mash (9879)	23.38	20.00	4.43	4.00	7.67	7.00	As Certified
HUBBARD MILLING CO., Mankato, Minn.							
Hubbard's Standard All Mash Chick Starter (9515)	19.19	16.00	5.27	4.00	6.18	6.00	As Certified
Hubbard's Standard Egg Mash (9523)	18.13	17.00	5.48	4.00	6.39	7.00	As Certified
Hubbard's Sunshine Broiler Mash (9527)	21.69	18.00	5.01	4.00	5.61	6.00	As Certified
Hubbard's Sunshine Chick Starter Mash (9516)	21.06	18.00	5.22	4.00	5.75	6.00	As Certified
Hubbard's Sunshine Egg Mash (9522)	21.75	20.00	5.42	4.50	6.76	7.50	As Certified
Hubbard's Sunshine Growing Mash (9517)	21.25	18.00	5.19	5.00	7.69	7.00	As Certified
Hubbard's Sunshine 22% Turkey Breeder Mash (9519)	24.81	22.00	5.33	5.00	8.10	7.50	As Certified
Hubbard's Sunshine Turkey Grower (9521)	22.69	20.00	5.57	4.00	6.50	6.00	As Certified
Hubbard's Sunshine Turkey Starter Mash (9520)	28.63	26.00	6.00	5.50	5.06	6.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HUNTSINGER'S MILLS, Hegins, Pa. 20% Quality Egg Mash (9929)	23.69	20.00	5.41	4.00	7.29	6.50	As Certified
20% Quality Egg Mash with Barker's Poultry Powder (9933)	23.19	20.00	5.63	4.00	6.53	6.50	As Certified
Quality Growing Mash (9930)	20.81	18.00	6.17	5.00	6.18	8.50	As Certified
Quality Laying Mash (9931)	20.06	20.00	4.58	4.50	6.65	6.50	As Certified
F. W. HUTCHISON & CO., New Castle, Pa. Hutchison Egg Mash (9322)	20.50	20.00	4.51	4.50	7.66	9.00	As Certified
R. R. IKELER ESTATE, Bloomsburg, Pa. Elus Ribbon All Mash Starter and Grower (9822)	15.81	16.00	4.31	4.26	5.11	6.00	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pa. All American Chick Starter and Growing Mash (9535)	19.31	18.00	4.83	4.00	5.36	7.00	As Certified
All American Egg Mash (9536)	16.38	17.00	3.86	5.00	4.99	7.00	As Certified
All American Turkey Starter (9537)	27.19	26.00	5.60	5.00	4.73	6.00	As Certified
KASCO MILLS, INC., Weverly, N. Y. Apex Complete Grower (9421)	14.75	14.00	4.09	4.00	7.08	8.50	As Certified
Apex Egg Mash (9420)	19.38	18.00	3.67	3.50	7.73	8.00	As Certified
Apex Starter (9412)	17.88	17.00	5.00	4.00	6.37	7.00	As Certified
Apex Starter (9478)	17.44	16.00	5.47	4.00	6.95	7.00	As Certified
Apex Starter and Grower (9477)	16.06	14.00	4.29	4.00	6.29	8.50	As Certified
Kasco Broiler Ration (9418)	19.19	18.00	4.17	4.00	6.41	6.50	As Certified
Kasco Growing Mash (9415)	18.94	18.00	4.50	4.00	7.07	7.50	As Certified
Kasco Growing Mash (9417)	19.21	18.00	4.13	4.00	7.39	7.60	As Certified
Kasco Laying Mash (9416)	20.63	20.00	5.20	4.00	7.11	7.50	As Certified
Kasco Laying Mash (9480)	22.06	20.00	4.85	4.00	7.22	7.50	As Certified
Kasco Laying Mash (10006)	22.63	20.00	4.52	4.00	5.96	7.50	As Certified
Kasco 32% Mash Concentrate (9419)	33.50	32.00	4.62	4.50	6.42	6.50	As Certified
Kasco Poultry Fattener (9638)	17.25	13.00	4.80	4.00	3.99	6.00	As Certified
Kasco Turkey Starter (10005)	24.88	24.00	4.67	4.00	7.03	8.00	As Certified
J. J. KENNEDY & SONS, Zelienople, Pa. Kennedy's Egg Mash (9327)	18.06	17.00	4.26	4.00	5.67	7.00	As Certified
KEYSTONE FEED & FARM PRODUCTS CORP. Connellsville, Pa. Keystone Laying Mash with Buttermilk (9880)	20.28	17.00	4.93	3.00	5.04	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Larro Chick Builder (9054)	22.31	19.00	4.36	4.00	6.81	7.00	As Certified
Larro Chick Builder (9573)	21.75	19.00	4.70	4.00	6.83	7.00	As Certified
Larro Egg Mash (9056)	21.69	20.00	4.43	4.00	6.64	7.50	As Certified
Larro Egg Mash (9571)	22.25	20.00	4.72	4.00	7.09	7.60	As Certified
Larro Egg Mash (9641)	21.94	20.00	6.02	4.00	6.32	7.50	As Certified
Larro Egg Mash (9874)	22.69	20.00	4.56	4.00	6.19	7.60	As Certified
Larro Egg Mash (9975)	22.25	20.00	4.66	4.00	6.41	7.50	As Certified
Larro Egg Mash (10039)	22.38	20.00	4.70	4.00	6.30	7.50	As Certified
LEHMASTER ELEVATOR CO., Lemasters, Pa. Parnell Egg Mash (9976)	19.94	19.50	4.50	4.25	6.20	7.60	As Certified
Parnell Starter and Grower (9981)	18.38	18.50	5.14	4.25	5.27	6.50	As Certified
LEPLEY & SPIEVER, Prospect, Pa. Special Egg Mash (9561)	20.21	18.00	5.18	5.00	6.59	8.00	As Certified
R. H. LYSINGER & SON, Bedford, Pa. Lysinger's Egg Mash (10069)	19.13	20.00	4.71	5.00	6.64	7.00	As Certified
MARION SUPPLY CO., Marion, Pa. Marion Egg Maker 20% (9992)	26.25	20.00	4.82	4.50	6.76	7.00	As Certified
Marion Egg Mash (9993)	18.31	17.50	4.43	4.25	6.41	7.60	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y. 8-8 Mash Concentrate with Dried Cheese Whey and Dried Buttermilk (9849)	33.38	34.00	4.26	4.00	6.40	7.00	As Certified
8-8 Delsy Egg Mash (9848)	21.25	20.00	4.51	3.50	8.00	9.00	As Certified
8-8 Starter and Growing Ration (9851)	20.19	17.00	4.40	4.00	6.51	7.00	As Certified
Dollar Maker Egg Mash with Dried Buttermilk and Cod Liver Oil (9847)	20.00	19.00	3.96	3.60	9.69	10.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind. Master Mix 32% Chick Concentrate with Cod Liver Oil (9676)	33.81	32.00	4.90	4.00	7.00	8.00	As Certified
Master Mix 34% Mash Concentrate (9674)	36.81	34.00	4.00	3.50	7.50	8.00	As Certified
MERCER MILLING CO., Mercer, Pa. Davis's Egg Mash "A" (9445)	21.76	20.00	4.82	4.00	6.16	7.00	As Certified
Davis's Egg Mash "B" (9447)	20.06	18.00	4.69	4.00	7.17	7.00	As Certified
Davis's Mineraltone Starting and Growing Mash (9446)	20.81	19.00	4.06	4.00	4.92	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MEYERINK MILLING CO., Clymer, N. Y.							
Clymer Chick Starter (9405)	19.13	17.50	4.66	4.00	5.50	5.50	As Certified
Clymer Egg Mash (9399)	20.38	20.00	4.72	4.50	6.36	7.00	As Certified
Clymer Growing Mash (9403)	19.13	17.50	4.71	4.00	6.43	5.50	As Certified
MIDLAND MILLING & SUPPLY CO. Midland, Pa.							
Burton Chick Starter containing Dr. Hess Poultry Pan-a-min (9710)	16.00	18.00	3.27	4.00	4.99	6.00	Found in addition brewers dried grains.
Burton Growing Mash containing Dr. Hess Poultry Pan-a-min (9709)	16.50	17.00	3.55	4.00	6.50	7.00	As Certified
Burton Pan-A-Min Laying Mash (9708)	18.00	18.00	3.15	4.00	6.72	7.00	As Certified
THE MIFFLINBURG FARMERS' EXCHANGE, INC. Mifflinburg, Pa.							
Farmers Egg Mash (9770)	19.13	18.00	4.92	4.00	6.77	8.00	As Certified
Farmers Starting and Growing Mash (9771)	18.38	16.50	4.94	4.00	6.24	6.25	As Certified
GEORGE Q. MOON & CO., INC. Binghamton, N. Y.							
Moon's Special A Laying Mash with Dried Buttermilk (9617)	19.94	18.00	4.54	5.00	6.71	9.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Cash and Carry Egg Mash (9077)	22.44	20.00	4.27	3.50	7.79	8.00	As Certified
Cash and Carry Egg Mash (9230)	22.00	20.00	3.85	3.50	7.41	8.00	As Certified
Cash and Carry Growing Mash (9100)	19.38	18.00	4.51	3.50	7.07	8.00	As Certified
Egg-Maker Mash (9090)	20.50	18.00	4.63	4.00	7.19	8.00	As Certified
Mack's No. 2 Sunside Egg Mash with Cod Liver Oil (9089)	20.25	18.00	5.55	4.00	5.54	8.00	As Certified
Our Quality Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk (9074)	19.69	20.00	4.41	4.00	7.16	8.00	As Certified
Our Quality Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk and Neu-Life Minerals (9075)	21.13	20.00	4.76	4.00	7.90	8.00	As Certified
Our Quality Sunside Egg Mash with Cod Liver Oil and Dried Buttermilk and Neu-Life Minerals (9231)	21.31	20.00	4.85	4.00	8.05	8.00	As Certified
Sunside Broiler Mash (9095)	18.88	16.00	5.23	4.00	6.89	7.00	As Certified
Sunside 5% Buttermilk Chick Starter (9085)	19.94	18.00	4.46	4.00	6.51	7.00	As Certified
Sunside Chick Starter with Neu-Life Minerals (9086)	20.56	16.00	5.04	4.00	4.28	7.00	As Certified
Sunside Chick Starter with Neu-Life Minerals (9236)	18.88	16.00	4.94	4.00	4.63	7.00	As Certified
Sunside 6V Chick Starter (9070)	18.44	17.00	5.33	4.00	4.81	7.00	As Certified
Sunside 32% Concentrate for Growing Mash and Egg Mash (9091)	35.13	32.00	5.30	4.00	5.90	8.00	As Certified
Sunside Egg Maker Mash with Yeast (9102)	20.25	18.00	4.25	4.00	8.96	8.00	As Certified
Sunside Egg Mash No. 1 with Buttermilk (9076)	20.00	20.00	5.34	4.00	6.56	7.50	As Certified
Sunside Flushing Mash with 40% Buttermilk (9096)	20.13	18.00	4.68	4.00	5.08	5.50	As Certified
Sunside Growing Mash (9088)	19.56	18.00	5.06	4.00	6.51	7.50	As Certified
Sunside Laying and Breeders Mash (9087)	20.20	20.00	5.95	4.00	5.30	7.50	As Certified
Sunside Turkey Developer (9092)	20.44	20.00	3.94	5.00	5.93	7.00	As Certified
Sunside Turkey Starter (9093)	23.94	24.00	5.54	4.00	5.26	8.00	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa.							
Old Clock Egg Mash (985E)	23.25	18.00	4.52	4.50	8.63	9.00	As Certified
Old Clock Egg Mash (100B8)	17.50	18.00	5.00	4.50	9.20	9.00	As Certified
Old Fort Starter and Grower (9859)	23.63	17.00	5.05	4.00	6.31	6.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Bidwell Laying Mash (9673)	20.81	18.00	4.32	3.00	6.77	8.00	As Certified
Lay or Bust Dry Mash (9624)	19.94	20.00	4.69	3.00	6.55	7.00	As Certified
Lay or Bust Dry Mash (9678)	20.25	20.00	4.76	3.00	6.99	7.00	As Certified
Manamar Life Cycle Mash (9672)	19.56	16.00	4.55	3.50	6.68	7.00	As Certified
Perk and Pollard Chick Starter (9669)	19.88	17.00	4.40	3.50	6.23	6.00	As Certified
PETERSBURG MILLING CO., Pessemer, Pe.							
Pemco Laying Mash (9356)	21.31	20.00	3.67	4.00	6.62	8.00	As Certified
Pemco Starting and Growing Mash (9354)	21.06	18.00	3.61	4.00	5.28	6.00	As Certified
PRATT FOOD CO., Hammond, Ind.							
Pratt's All Mash Laying Ration (9680)	19.38	16.50	3.20	3.50	5.62	7.00	As Certified
Pratt's All Mash Laying Ration (9793)	18.75	16.50	3.86	3.50	6.31	7.00	As Certified
Pratt's Beby Chick Food (9683)	19.25	17.00	3.45	3.50	4.94	6.00	As Certified
Pratt's Broiler Mash (9602)	20.25	18.50	3.53	4.00	6.48	7.00	As Certified
Pratt's Cak-Cak Egg Mash (9604)	21.00	18.00	4.29	3.50	7.47	8.00	As Certified
Pratt's Cak-Cak Egg Mash (9608)	19.83	18.00	4.72	3.50	7.39	8.00	As Certified
Pratt's Cak-Cak Egg Mash (9685)	20.19	18.00	4.51	3.50	6.17	8.00	As Certified
Pratt's C-Ka-Gene Ration (9606)	19.88	17.00	3.59	3.50	5.91	6.00	As Certified
Pratt's C-Ka-Gene Ration (9607)	20.00	17.00	3.61	3.50	5.86	6.00	As Certified
Pratt's C-Ka-Gene Ration (9684)	20.63	17.00	5.73	3.50	6.84	6.00	As Certified
Pratt's C-Ka-Gene Ration (9798)	19.63	17.00	4.69	3.50	5.64	6.00	As Certified
Pratt's Growing Mash (9147)	19.50	17.50	5.04	3.50	7.22	7.00	As Certified
Pratt's Growing Mash (9681)	20.31	17.50	2.44	3.50	5.94	7.00	As Certified
Pratt's Growing Mash (9799)	18.38	17.50	3.99	3.50	6.34	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Pratt's Laying Mash (9020)	22.44	20.00	4.79	3.50	6.11	7.25	As Certified
Pratt's Laying Mash (9682)	22.06	20.00	5.02	3.50	7.00	7.25	As Certified
Pratt's Laying Mash (9800)	22.63	20.00	5.32	3.50	7.23	7.25	As Certified
Pratt's Laying Mash (9873)	23.81	20.00	5.74	3.50	7.01	7.25	As Certified
Pratt's Starter and Grower (9600)	19.38	17.00	3.60	3.50	5.50	6.50	As Certified
Pratt's Starter and Grower (9601)	20.00	17.00	3.54	3.50	5.86	6.50	As Certified
Pratt's Turkey Growing and Finishing Mash (9686)	22.44	21.00	5.02	4.50	7.80	7.50	As Certified
Utility Growing Mash (9603)	19.25	16.00	4.64	3.50	6.99	7.00	As Certified
Utility Growing Mash (9605)	19.00	16.00	3.85	3.50	6.61	7.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Sig Egg Laying Mash (9154)	21.31	20.00	5.27	4.00	8.20	8.00	As Certified
Ful-O-Pep Chick Starter (9103)	19.00	17.00	6.05	4.50	6.92	7.00	As Certified
Ful-O-Pep Chick Starter (9295)	19.75	17.00	5.86	4.50	5.67	7.00	As Certified
Ful-O-Pep Chick Starter (9729)	17.94	17.00	4.64	4.50	6.89	7.00	As Certified
Ful-O-Pep Egg Breeder Mash (9057)	18.19	20.00	6.97	4.50	5.91	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (9104)	20.44	20.00	6.37	4.50	6.74	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (9155)	20.13	20.00	5.50	4.50	6.06	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (9229)	21.44	20.00	6.65	4.50	6.67	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (9296)	21.63	20.00	6.15	4.50	5.77	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (10024)	21.05	20.00	6.05	4.50	5.33	8.00	As Certified
Ful-O-Pep Egg Breeder Mash (10038)	21.19	20.00	6.03	4.50	5.56	8.00	As Certified
Ful-O-Pep Growing Mash (9105)	21.00	19.00	5.89	5.00	6.46	7.00	As Certified
Ful-O-Pep Growing Mash (9297)	20.25	19.00	6.26	5.00	5.47	7.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Broiler Chow (9251)	22.81	18.00	5.03	4.00	7.07	7.00	As Certified
Purina Chick Growers (9243)	17.39	15.00	4.42	3.50	5.70	7.00	As Certified
Purina Chick Starters (9242)	21.25	18.00	4.94	4.00	5.05	7.00	As Certified
Purina Chick Starters (9632)	21.06	18.00	4.67	4.00	4.28	7.00	As Certified
Purina 32% Chowder (9967)	35.75	32.00	5.87	3.50	8.20	9.00	As Certified
Purina Family Flock Chow (9968)	20.81	18.00	4.79	3.50	6.78	8.00	As Certified
Purina Lay Chow (9255)	23.19	21.00	5.34	4.00	7.00	8.00	As Certified
Purina Lay Chow (9633)	23.75	21.00	5.70	4.00	6.99	8.00	As Certified
Purina Layena (Complete Ration) (9241)	18.19	15.50	5.41	3.50	6.42	8.00	As Certified
Purina Layena (Complete Ration) (9257)	17.31	15.50	4.70	3.50	5.68	8.00	As Certified
Purina Layena (Complete Ration) (9875)	18.31	15.50	4.72	3.50	5.58	8.00	As Certified
Purina Turkey-Chicken Fatena Checkers (Red Bag) (9969)	16.94	14.00	4.23	3.50	5.14	7.00	As Certified
Purine Turkey Growing Chow (9938)	23.56	21.00	4.52	3.50	6.08	8.00	As Certified
REECE & GREENLY CO., Millville, Pa.							
Growing Mash (9827)	18.00	16.00	4.97	4.00	6.55	7.00	As Certified
Laying Mash (9823)	16.00	16.00	4.74	4.00	5.82	7.00	As Certified
Starting Mash (9826)	18.19	16.00	5.14	4.00	4.90	6.00	As Certified
THOMAS R. REEVE, Toledo, Ohio							
Success Laying Mash (9153)	21.31	20.00	5.42	3.00	7.59	8.00	As Certified
Success Laying Mash with Buttermilk and Cod Liver Oil (9185)	21.31	20.00	3.52	3.00	8.12	8.00	As Certified
REX GRAIN & MILLING CO., INC.							
Buffalo, N. Y.							
Rex Gem Laying Mash (9599)	19.63	18.00	4.04	4.00	7.52	7.00	As Certified
THE RICHARDS MILLING CO.							
Cortland, Ohio							
Richard's All Mash Chick Food (9332)	18.00	16.00	4.02	3.00	4.89	6.00	As Certified
Richard's Cash Laying Mash (9149)	20.25	20.00	4.15	3.00	7.50	8.00	As Certified
Richard's Cash Laying Mash (9172)	22.06	20.00	3.93	3.00	7.95	8.00	As Certified
Richard's Cash Laying Mash (9335)	20.50	20.00	4.10	3.00	7.12	8.00	As Certified
Richard's Growing Mash (9333)	19.63	18.00	3.85	3.00	6.94	8.00	As Certified
Richard's Thrift Laying Mash (9183)	22.88	20.00	4.29	3.00	7.50	7.50	As Certified
Success Laying Mash (9334)	21.00	20.00	3.86	3.00	7.75	8.00	As Certified
RICHMOND ELEVATOR CO.							
Richmond Furnace, Pa.							
Path Valley Egg Mash (10015)	22.06	19.00	5.29	4.00	5.13	10.00	As Certified
J. S. RILEY & CO., New Castle, Pa.							
Pioneer Growing Mash (9313)	19.13	17.50	5.00	4.00	6.71	5.00	As Certified
Pioneer Laying Mash "Standard" (9314)	21.44	20.00	4.54	4.00	6.82	6.00	As Certified
Pioneer Laying Mash - Super Special (9315)	18.75	18.00	5.93	4.00	6.62	7.00	As Certified
Pioneer Starting Mash (9312)	18.89	20.00	5.00	5.00	4.20	6.00	As Certified
ROTH MILLING CO., Prosspect, Pa.							
Puritan Chick Starter (9714)	18.13	18.00	4.08	3.50	5.48	5.00	As Certified
Puritan Egg Mash (9559)	19.63	18.00	4.77	3.50	6.00	6.00	As Certified
Puritan Growing Mash (9713)	18.56	17.00	4.52	3.50	5.49	5.00	As Certified
ROUX FEED MILLS, Sharon, Pa.							
Roux Chick Starter (9346)	18.06	16.00	4.38	4.00	5.48	6.00	As Certified
Roux Economy Egg Mash (9345)	19.25	20.00	4.71	4.00	5.99	8.00	As Certified
Roux Egg Mash (9343)	20.44	20.00	5.00	4.00	5.33	8.00	As Certified
Roux Growing Mash (9344)	18.89	16.00	4.73	4.00	5.34	6.00	As Certified
J. C. SANKEY MILLING CO., Volant, Pa.							
Sankey's Grade A Egg Mash (9701)	21.69	20.00	5.00	4.50	6.19	9.00	As Certified
Sankey's Growing Mash (9700)	18.81	18.00	4.65	5.00	6.09	6.00	As Certified
Sankey's Starting Mash (9699)	20.44	20.00	5.01	6.50	6.14	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
W. O. SHANK, Waynesboro, Pa. Shank's Laying Mash (10000)	19.56	19.00	4.71	5.00	5.75	7.50	Found in addition small amount ground corn cockle.
SROROLA FEED & GRAIN CO. Shohola, Pa.							
Graber Starting and Growing Mash (9619)	19.00	18.00	4.55	4.00	6.62	6.50	As Certified
Graber Starting and Growing Mash (9620)	19.05	18.00	5.07	4.00	6.48	6.50	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter All Mash Chick Starter and Grower (9114)	19.00	15.00	6.00	6.00	4.79	6.00	As Certified
Red Letter All Mash Chick Starter and Grower (9167)	19.00	15.00	6.72	5.00	4.68	6.00	As Certified
Red Letter Broiler Mash (9169)	16.31	15.00	5.13	5.00	4.95	6.00	As Certified
Red Letter Chick Starting Mash (9115)	19.19	16.00	5.04	5.00	4.69	6.00	As Certified
Red Letter Egg Mash (9111)	20.38	20.00	5.15	4.50	6.90	8.00	As Certified
Red Letter Egg Mash (9156)	20.81	20.00	5.25	4.50	7.19	8.00	As Certified
Red Letter Egg Mash (9168)	20.94	20.00	4.70	4.50	6.86	8.00	As Certified
Red Letter Egg Mash (9876)	21.69	20.00	6.00	4.50	7.04	8.00	As Certified
Red Letter Growing Mash (9116)	14.88	16.00	4.86	4.00	6.45	7.00	As Certified
Shadyside Chick Mash (9112)	17.19	16.00	5.21	4.00	7.30	6.00	As Certified
Shadyside Egg Mash (9110)	17.13	17.00	4.33	4.50	6.56	8.50	As Certified
W. N. TELFER & BROS., Port Royal, Pa.							
Telfer's Egg Mash (10090)	22.06	20.00	4.91	6.00	5.78	5.00	As Certified
Telfer's Egg Producer (10089)	17.31	18.00	4.60	4.00	6.16	6.50	As Certified
W. M. TEMPLETON & SONS, Houston, Pa.							
Economy Egg Mash (9663)	17.69	18.00	4.16	4.50	6.74	7.00	As Certified
Economy Growing Mash (9666)	14.88	14.00	3.01	4.00	4.27	5.00	As Certified
Templeton's Egg Mash (9664)	19.88	19.00	4.04	5.00	6.65	7.00	As Certified
Templeton's Starting and Growing Mash (9668)	17.38	17.00	3.50	4.00	4.80	5.00	As Certified
W. B. THOMPSON & SON, Waynesboro, Pa.							
Thompson's Egg Mash (9973)	20.31	17.00	4.37	4.00	6.84	8.00	As Certified
THORPE, BAKER & CO., Carbondale, Pa.							
Thor-Bak Laying Mash (10062)	23.06	20.00	5.86	4.00	5.50	7.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Egatine with Cod Liver Oil (8997)	25.88	23.00	5.30	4.00	5.69	7.50	As Certified
Tasty Laying Food with Cod Liver Oil (8998)	22.19	20.00	4.82	4.00	6.51	7.50	As Certified
THE UBIKO MILLING CO. Cincinnati, Ohio							
All-Mash Developer (9033)	14.50	16.00	4.83	4.00	6.06	6.00	As Certified
All-Mash Starter (9030)	17.19	18.00	3.82	4.00	4.82	5.00	As Certified
Broiler Ration (9036)	21.06	18.00	4.60	4.00	6.74	6.60	As Certified
Egg Mash (9025)	21.69	20.00	3.50	4.00	6.10	6.00	As Certified
Fattening Mash (9028)	17.69	14.00	6.10	4.00	6.06	6.00	As Certified
Sunbeam Laying Mash (9032)	22.44	20.00	4.79	3.50	7.36	8.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio							
Urbana Egg Mash (9237)	20.94	20.00	4.80	4.00	7.74	8.00	As Certified
Urbana Growing Mash (9247)	16.25	16.00	4.50	4.00	7.84	7.00	As Certified
Urbana Starting and Growing All Mash (9238)	17.38	16.00	4.31	4.00	4.40	6.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vandervort's Buttermilk Cod Liver Oil Poultry Mash (8985)	20.50	20.00	4.07	4.50	6.98	7.00	Minerals identified as animal charcoal and calcium carbonate.
Vandervort's Buttermilk Cod Liver Oil Poultry Mash (9008)	20.88	20.00	4.31	4.50	6.70	7.00	As Certified
Vandervort's High Protein Cod Liver Oil Laying Mash (8983)	22.06	22.00	4.79	4.50	6.61	7.00	Minerals identified as animal charcoal and calcium carbonate.
Vandervort's High Protein Cod Liver Oil Laying Mash (9016)	23.31	22.00	4.69	4.50	6.61	7.00	As Certified
Vandervort's Laying Mash with Cod Liver Oil (8984)	22.94	16.00	4.46	4.50	10.18	11.00	As Certified
Vandervort's Laying Mash with Cod Liver Oil (9010)	22.56	16.00	4.19	4.50	6.79	11.00	Found in addition ground barley, brewers dried grains and bone charcoal.
Vandervort's Starting and Growing Chick Mash (8990)	19.38	18.00	4.31	4.50	6.44	6.00	As Certified
Vandervort's Starting and Growing Chick Mash (9012)	20.38	18.00	4.08	4.50	6.60	6.00	As Certified
VEACH COMPANY, New Castle, Pa.							
Veech Chick Mash (9336)	20.00	18.00	6.14	4.00	6.17	6.00	As Certified
Veech Egg Mash (9321)	22.13	20.00	6.16	4.00	6.33	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
VITALITY MILLS, INC., Chicago, Ill.							
Vitality Broiler Ration (9376)	16.13	17.00	4.43	4.00	5.07	7.00	As Certified
Vitality Chick Starting Ration (9379)	18.38	17.00	4.40	4.00	7.41	5.50	As Certified
Vitality Egg Builder (9375)	20.00	20.00	4.20	4.00	5.75	7.40	As Certified
Vitality Egg Builder (9378)	20.25	20.00	5.15	4.00	6.34	7.40	As Certified
Vitality Flushing and Conditioning Ration (9382)	15.13	14.00	4.15	4.00	4.12	4.00	As Certified
Vitality Turkey Grower (9275)	19.53	18.00	4.63	3.50	7.57	8.00	As Certified
VOLANT MILLS, Volant, Pa.							
16% Developer (9592)	17.38	16.00	4.27	4.00	5.00	7.50	As Certified
20% Egg Mash (9591)	21.88	20.00	4.79	4.00	5.43	7.50	As Certified
Starting Mash (9593)	20.31	18.00	4.51	4.00	5.27	7.00	As Certified
THE WADSWORTH FEED CO., Warren, Ohio							
Superior Starting and Growing Mash (9214)	19.25	17.00	4.44	4.00	4.21	5.00	As Certified
C. Y. WAGNER & CO., INC.							
Ballefonte, Pa.							
Wagner's Laying Mash (9459)	20.81	20.00	4.43	3.00	4.84	7.50	As Certified
Wagner's Starter and Grower (9470)	20.19	16.00	4.55	3.00	5.00	7.50	As Certified
WAMPUM MILL CO., Wampum, Pa.							
Silver Star Egg Mash (9727)	20.25	20.00	5.13	5.00	4.91	5.00	As Certified
WASHINGTON MILLING CO.							
Washington, Pa.							
Gain-More Egg Laying Mash (9284)	20.13	20.00	4.51	4.00	7.58	7.00	As Certified
Gain-More Starting and Growing Mash (9283)	19.31	19.00	4.59	4.00	5.41	6.50	As Certified
WESCO FOODS CO., Cincinnati, Ohio							
Weeco Special Egg Mash (9724)	22.38	20.00	4.21	4.00	7.13	7.00	As Certified
R. A. WESTERMAN, Sarver, Pa.							
Home Mix Chick Starter (9554)	17.94	18.00	4.54	3.50	5.21	7.00	As Certified
Home Mix Egg Mash (9563)	18.19	20.00	4.43	3.50	6.24	7.00	As Certified
Home Mix Growing Mash (9555)	17.44	18.00	4.52	3.50	5.69	7.00	As Certified
WESTERN FLOUR CO., Charlaroi, Pa.							
Economy's Egg Mash (9124)	20.19	18.00	4.75	3.50	8.53	8.00	As Certified
WEST SIDE FEED & FUEL CO., Erie, Pa.							
Mor-Eggs Laying Mash (9479)	19.13	18.00	4.75	3.50	7.00	8.50	As Certified
WEST SUNBURY MILLING CO.							
West Sunbury, Pa.							
Laying Mash (9435)	23.13	19.00	5.14	4.00	6.74	7.25	As Certified
A. R. WHITE, Monroeton, Pa.							
White's Bradoo Laying Mash (8991)	20.00	20.00	4.86	4.50	6.14	6.00	As Certified
White's Bradoo Starting and Growing Mash (8992)	15.38	15.00	4.52	4.50	5.80	5.00	Found in addition bona charcoal and small amount ground grain screening.
CRAWFORD M. WOODS CO., Corry, Pa.							
Economy Laying Mash (9595)	20.88	18.00	4.30	4.00	5.86	6.00	As Certified
Old Reliable Laying Mash (9588)	21.25	20.00	4.31	4.00	5.52	7.00	As Certified
Old Reliable Starting and Growing Mash (9593)	19.53	18.00	4.05	4.00	5.41	7.00	As Certified
Old Reliable Starting and Growing Mash (9594)	19.44	18.00	4.01	4.00	5.93	7.00	As Certified
Average	20.73	-----	4.65	-----	5.34	-----	
PROPRIETARY SMALL ANIMAL FEEDS							
ALLIED MILLS, INC., Chicago, Ill.							
Wayne Dog Food Blox (10058)	29.31	25.00	3.78	4.00	2.70	5.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's Complete Dog Ration (8975)	24.00	24.00	4.34	4.00	3.15	8.00	As Certified
Altman's Complete Dog Ration (9750)	25.94	24.00	3.75	4.00	4.11	8.00	As Certified
A. J. BALSHI, Catawissa, Pa.							
Andy's Dog Food (9918)	27.94	24.00	4.59	3.00	3.25	5.00	As Certified
BANNOCK FOOD CO., INC.							
West Chester, Pa.							
Bannock Body Builder (9019)	28.88	24.00	5.43	3.50	3.09	4.50	Found in addition flaked wheat.
BARRY PET FOOD CO., Greensburg, Pa.							
Barry Dog and Cat Food (9903)	5.25	7.05	0.82	0.65	0.95	1.00	As Certified
THE CUDAHY PACKING CO., Chicago, Ill.							
Tally-Ho Dog Food (8956)	10.91	10.50	5.34	3.00	0.30	1.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DOGGIE DINNER DIVISION OF THE LOUDON PACKING CO., Terre Haute, Ind. Doggie Dinner (9816)	12.36	10.00	3.07	2.75	1.27	1.00	As Certified
THE FOSTER CANNING CO., INC. Brooklyn, N. Y.							
Ace Righ Dog Food (9898)	6.12	7.00	0.69	1.25	1.01	1.50	As Certified
Clipper Dog Food (9900)	5.95	7.00	0.69	1.25	0.96	1.50	As Certified
Glenco Dog and Cat Food (9896)	6.65	7.00	1.28	1.25	1.01	1.50	As Certified
Zoup (9899)	4.39	3.75	0.45	0.50	0.30	0.50	As Certified
FOSTER CANNING COMPANY OF ORIO Napoleon, Ohio							
Luckey Dog Food (9894)	9.16	7.00	1.58	1.25	1.12	1.50	As Certified
Red Chief Dog Food (9897)	8.39	7.00	0.95	1.25	1.25	1.50	As Certified
Snappy Dog Food (9895)	7.13	7.00	0.92	1.25	1.19	1.50	As Certified
JERSEY CEREAL CO., Cereal, Pa. Cer-Me-Soy Dog Feed (9176)	22.25	21.50	3.50	4.00	2.88	3.00	As Certified
JERSEY FARM PRODUCTS CO. Pittsburgh, Pa.							
Show Dog Brand Dog and Cat Food (9901)	6.25	7.00	0.68	2.25	1.01	1.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Kasco Complete Dog Ration (9422)	24.31	22.00	4.11	4.00	3.91	4.00	As Certified
LUXOR PRODUCTS CO., New York, N. Y. Luxor Brand Dog and Cat Food (9868)	10.19	6.50	1.00	1.00	1.47	1.50	As Certified
GEORGE C. MELODY, Greensburg, Pa. Melo-Meal (9904)	36.19	32.50	6.07	3.50	2.84	6.50	As Certified
MODERN FOOD PROCESS CO. Philadelphia, Pa.							
Thrivo Dog and Cat Food (9905)	12.33	10.00	4.22	3.00	1.64	3.00	As Certified
NATIONAL COAST PRODUCTS CORP. Swedesboro, N. J.							
Toto Dog and Cat Food (9815)	15.77	7.00	3.33	2.00	2.00	1.50	As Certified
NATIONAL RETAILER-OWNED GROCERS, INC. Chicago, Ill.							
Roxey Dog and Cat Food (9902)	6.20	10.00	0.67	2.00	0.92	1.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sunside Goat Ration (9097)	19.26	17.00	3.54	3.00	7.86	9.00	As Certified
PEERLESS DOG FOOD CO. Battle Creek, Mich.							
Peerless Dog Ration (9170)	26.06	-----	4.50	----	2.20	----	As Certified
PERFECTION FOODS CO. Battle Creek, Mich.							
Perfection Brand Dog Food (901B)	16.50	-----	3.40	----	3.32	----	As Certified
Perfection Brand Dog Food (9122)	16.06	-----	3.29	----	3.06	----	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Goat Chow (9245)	16.00	16.00	3.96	4.00	8.92	10.00	As Certified
Purina Rabbit Chow (Complete Ration) (9240)	14.63	13.50	3.77	2.50	14.32	16.00	As Certified
J. S. RILEY & CO., New Castle, Pa. Riley's Tri-Blend Dog Food (9316)	30.26	25.00	3.66	4.00	2.46	3.00	As Certified
STURDY DOG FOOD CO., INC. Syracuse, N. Y.							
Sturdy Dog Food Granular Meal (9728)	24.13	20.00	2.61	2.50	4.93	5.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Goat Pellets (93B6)	18.88	16.00	4.10	6.00	7.72	6.00	As Certified
ANIMAL BY-PRODUCTS							
Meat and Bone Scrap							
BAUGH & SONS CO., Philadelphia, Pa. Baugh's Oldest Brand Meat and Bone Scrap (9912)	48.56	50.00	7.78	6.00	1.80	3.00	As Certified
SHARON RENDERING CO., INC., Sharon, Pa. Meat Scrap (9538)	57.75	50.00 to 55.00	10.01	5.00	1.40	2.00 to 2.50	As Certified
CHARLES R. SHOEMAKER, INC. Philadelphia, Pa.							
Belgrade Brand 50% Beef and Bone Scrap (9784)	50.44	50.00	10.77	10.00	2.66	2.00	As Certified
Belgrade Brand 50% Beef and Bone Scrap (9907)	49.38	50.00	13.19	10.00	1.88	2.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Echo Brand 45% Meat and Bone Scrap (9765)	49.00	45.00	13.00	10.00	2.11	2.00	As Certified
Echo Brand 45% Meat and Bone Scrap (9779)	49.94	46.00	13.93	10.00	2.36	2.00	As Certified
Echo Brand 45% Meat and Bone Scrap (9908)	46.94	45.00	13.92	10.00	2.07	2.00	As Certified
Pureox Brand 55% Beef and Bone Scrap (9906)	54.38	55.00	13.35	10.00	1.28	2.00	As Certified
S. STRUNZ & SON, INC., Pittsburgh, Pa. Economy Meat and Bone Scrap (9813)	42.44	45.00	14.23	8.00	2.14	3.00	As Certified
Average	49.87	-----	12.24	-----	1.97	-----	
<u>Tankage</u>							
THE PITTSBURGH MELTINO CO. Pittsburgh, Pa. Eureka Digester Tankage (9069)	68.38	60.00	5.45	5.00	1.61	3.00	As Certified
CHARLES H. SHOEMAKER, INC. Philadelphia, Pa. Top Orede 60% Feeding Tankage (9909)	56.94	60.00	9.82	6.00	1.05	3.00	As Certified
Average	57.66	-----	7.64	-----	1.33	-----	
<u>Fish Meal</u>							
THE ATLANTIC SUPPLY CO. Baltimore, Md. Atlantic Fish Meal (10013)	56.26	68.00	12.73	6.00	0.69	1.00	As Certified
FEED PRODUCTS CO., Baltimore, Md. Pepco Fish Meal (9893)	59.19	58.00	6.66	4.00	0.57	2.00	As Certified
CHARLES R. SHOEMAKER, INC. Philadelphia, Pa. Ground Fish 55% (9778)	59.31	55.00	10.94	6.00	4.90	3.00	As Certified
Average	67.91	-----	10.11	-----	2.05	-----	
<u>Bone Meal</u>							
THE ATLANTIC SUPPLY CO. Baltimore, Md. Atlantic Steamed Bone Meal (10014)	7.13	2.50	0.75	2.00	-----	-----	As Certified
E. G. BUCHSIEB, INC., Columbus, Ohio Buchsieb's Special Ground Bone (9353)	10.69	5.00	5.19	-----	-----	-----	As Certified
Average	8.91	-----	2.97	-----	-----	-----	
<u>MISCELLANEOUS FEED</u>							
J. A. FORREST CO., Minneapolis, Minn. Bronco Staer Feed (9842)	18.06	17.00	10.32	12.00	13.71	14.00	As Certified
Ground Flax Screenings (9843)	19.00	17.00	10.77	12.00	13.50	14.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind. Master Soy (9704)	44.25	41.00	1.36	0.50	6.49	7.00	As Certified
Master Soy (10004)	44.31	41.00	0.98	0.50	6.67	6.50	As Certified
PENN REED MILK CO., INC. Belleville, Pa. Pride of the Valley Dried Skim Milk (9850)	36.81	33.00	1.69	0.50	-----	-----	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Skim Milk (9181)	35.50	-----	0.29	-----	-----	-----	As Certified
ULTRA-LIFE LABORATORIES, INC. East St. Louis, Ill. Ultra-Life Concentrate (10012)	25.66	22.00	9.05	6.50	4.27	5.60	As Certified